LUCIFER®

General Catalogue Solenoid Valves

2-way valves

Catalogue 8930/GB

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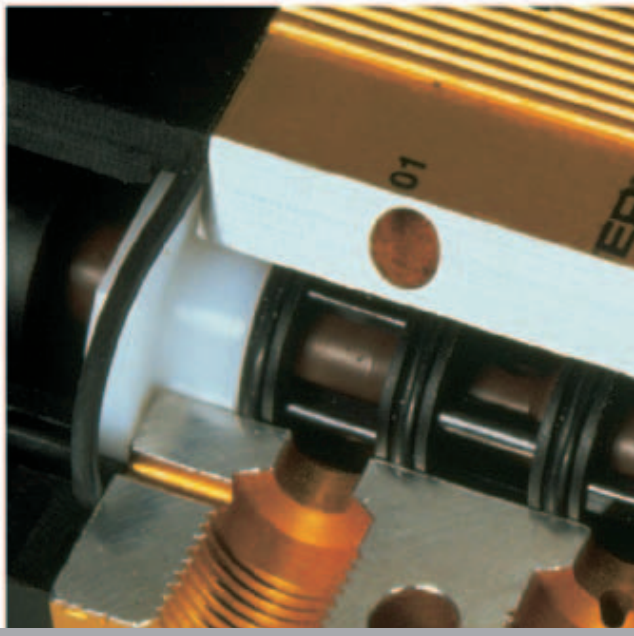


Parker

Parker Lucifer SA

Perfect compatibility between a multinational approach and integration into the local industrial community.

Parker Lucifer's Valve Division, manufacturing fluid control solenoid valves and pressure regulators, is located in Carouge-Geneva, Switzerland with manufacturing sites both in Geneva and Gessate near Milan, Italy.

With the multinational structure of the Parker Group we now have support that enables us to face the international market. To date we are represented in over 50 Countries with an established network of distributors in each industrial market open to us. Parker Lucifer is located in Geneva, Switzerland, a European communications and traffic centre.

Mastering technologies in anticipation of your needs.

We aim always to stay a step ahead of our customers' demands. You are looking for someone who has expertise in the latest technology, who has a solid body of know-how and who will participate directly in the development of your products.

Parker Lucifer takes advantage of the developments made in various divisions of Parker Corporation and, in doing so, of all the skills and synergy generated by our Group.

Parker's technology transfer policy provides us with the know-how of a global corporation. You derive direct advantage from this for our expertise in these technologies, which enables us to anticipate your needs.

Total quality and innovation. Our strong points for building the future with you

Quality has now become the essential condition for the survival of a corporation. You know it. We know it.

Your future depends on offering your customers ever more efficient, more reliable products. To do that, you have to be able to rely on first-rate suppliers who share your vision of the future and are capable of understanding your needs.

In order to better meet your demands and to ensure that we can offer you full guarantees of reliability, we have perfected a Total Quality program. At the same time, we pursue a strategy of innovation both in our processes and functions as well as in safety.

Environmental management bears witness to our desire to protect essential values.

Parker Lucifer is committed to respecting and protecting our environment by applying its own solutions. Although not mandatory, the ISO 14001 standards concern the environmental commitment of the company to supply products and service that will help our customers improve environmental quality. It relates to waste reduction, elimination of harmful materials, recycling and development of environment-friendly products. This Certified Management System to ISO 9001 / 14001 will also play a key role as a competitive differentiation in the marketplace.

Contents

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Parker Lucifer - the experts in fluid control

Welcome to the Parker Lucifer catalogue. It's your entry point to an entire programme of solenoid valves based on the unique Lucifer modular concept. This gives you the widest choice of specifications and options to match your requirements exactly.

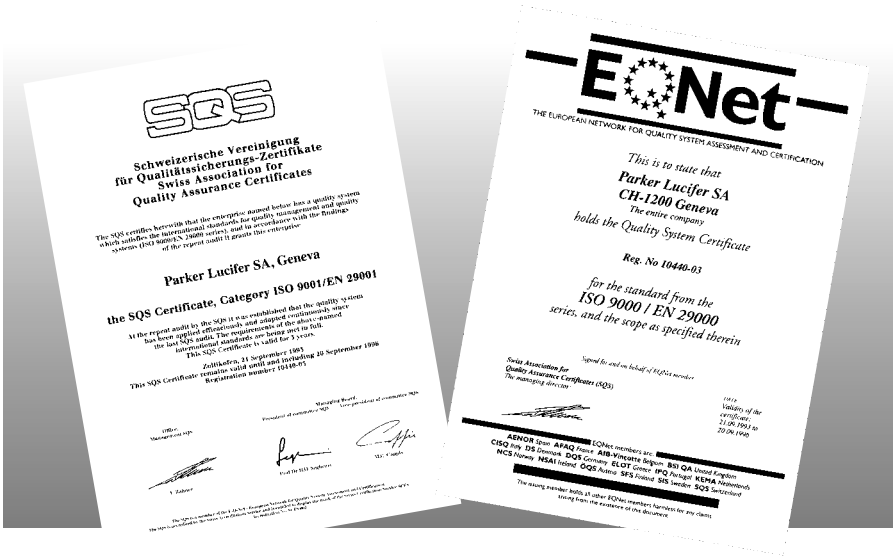
Making business as simple as possible

The catalogue is just one part of a very special kind of supplier-specifier relationship. In short, we want to make doing business as simple as possible. It begins with organising ***products by application*** for the quickest selection of a product for a specified application. It extends to ease of ordering, fast delivery, and additional customer services. All backed by highly qualified support engineers willing and able to discuss your needs and suggest solutions. Work with us, for example, to create customised products; we have a proud record of customer partnership projects resulting in innovative products - and satisfied customers.

The Parker Lucifer

The Parker Lucifer Series products have been designed to offer customers the ultimate in performance. Every valve is engineered for optimal operation, is constructed with modern machinery that use stringent processes, and provides standard features not necessarily offered in any competitive line.

The Parker Lucifer Series portfolio offers a broad range of solenoid valves. Sizes range from G1/8 to G3, with K_V as high as 1385 L/min. Pressure capabilities range up to 100 bar; the whole range is available with various seal materials, such as NBR, FKM, EPDM, PTFE, PCTFE, PUR and Ruby. Brass, stainless steel and plastic valves are available to control a wide variety of air, neutral gases and liquids, water, oils, process fluids and steam.



Availability

With over 750 product listings, the valve you need is probably available from our standard range. What's more, the same valves are ***available from our distributors anywhere in the world.*** So wherever you are you can order with complete confidence.

Thanks to the breadth of our product offering, the flexibility of the modular architecture, and the use of automated manufacturing processes, you can count on the ready availability of the valve you require.

Modular construction ensures that even unusual configurations can be assembled from stock components. It provides a high degree of "mix & match" flexibility with a minimum number of parts, giving Parker Lucifer the ability to quickly deliver a great variety of valves.

Quality assured

Certification by SQS (the Swiss Association for Quality Certification), Category ISO 9001/14001, is formal recognition of Parker Lucifer's commitment to total Quality. It is the outward sign of a company dedicated to customer satisfaction at every level of the organisation. It was first achieved back in 1987, long before Quality certification became an everyday business issue, and Parker Lucifer was one of the first to qualify in Switzerland.

All the approvals you need

A wide range of valves and electrical parts are approved by recognised organisations (BASEEFA in UK, PTB in Germany, LCIE in France, CESI in Italy etc.) and meet CENELEC, IEC, and ISO standards. Lucifer valves are also certified by organisations such as TÜV, VDE, SEV/ASE, UL, CSA, etc.

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How to select your valve

This catalogue has been designed to make selection as easy as possible. The structure allows you to find your valve step by step, beginning with the most basic features and gradually focusing on more and more precise details.

First, decide what kind of valve you want: 2-way, 3-way, pneumatic or special. Then check the contents page and turn to the beginning of the relevant section.

For ease of use, each valve section is divided by application. At the front of the application sub-section you choose, you will find an overview table of the products featured (see sample below).

Using the table as a guide, decide what kind of actuation you want, then go across the columns, choosing the body material, function, connection, orifice size and maximum pressure: this process takes you to the specific page number with your product,

Further technical information to help with specification is given in the final section of the catalogue.

General application valves for dry or lubricated air, neutral gases and liquids 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	Brass body	Normally closed	1/8	1.5 to 3	70.0	8
			1/4	1.2 to 5	100.0	8
			3/8	4 to 6	10.0	12
			1/2	8.5 to 11	4.0	12
			SB	1.5 to 3	100.0	14

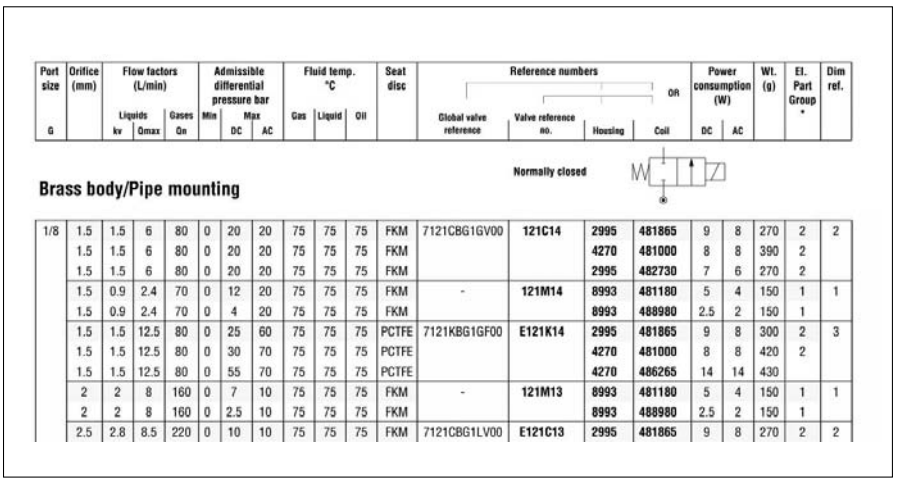
How to order a valve

Normally a complete valve is composed of 3 elements: the valve itself (body + pilot), the coil and the housing. For integrated coil/housings, the housing reference indicates the fixing nut and nameplate.

Two valve body references are indicated in the tables:

- the Lucifer reference
- the global reference

Either reference can be used when ordering. The Global valve reference permits a common numbering system between Lucifer and Skinner products. A complete cross-reference list of valve reference numbers can be found at the end of this catalogue. In both cases, it is necessary to order the coil and housing reference as well.



Port size G	Orifice (mm)	Flow factors (L/min) Liquids kv	Liquids Qmax	Gases Qn	Admissible differential pressure bar Min	Max DC	Max AC	Fluid temp. °C Gas	Liquid	Oil	Seat disc	Reference numbers Global valve reference	Valve reference no.	Housing	Coil	Power consumption (W) DC	AC	Wt. (g)	El. Part Group *	Dim ref.
Brass body/Pipe mounting													Normally closed							
1/8	1.5	1.5	6	80	0	20	20	75	75	75	FKM	7121CBG1GV00	**121C14**	**2995**	**481865**	9	8	270	2	2
	1.5	1.5	6	80	0	20	20	75	75	75	FKM			**4270**	**481000**	8	8	390	2	
	1.5	1.5	6	80	0	20	20	75	75	75	FKM			**2995**	**482730**	7	6	270	2	
	1.5	0.9	2.4	70	0	12	20	75	75	75	FKM	-	**121M14**	**8993**	**481180**	5	4	150	1	1
	1.5	0.9	2.4	70	0	4	20	75	75	75	FKM			**8993**	**488980**	2.5	2	150	1	
	1.5	1.5	12.5	80	0	25	60	75	75	75	PCTFE	7121KBG1GF00	**E121K14**	**2995**	**481865**	9	8	300	2	3
	1.5	1.5	12.5	80	0	30	70	75	75	75	PCTFE			**4270**	**481000**	8	8	420	2	
	1.5	1.5	12.5	80	0	55	70	75	75	75	PCTFE			**4270**	**486265**	14	14	430		
	2	2	8	160	0	7	10	75	75	75	FKM	-	**121M13**	**8993**	**481180**	5	4	150	1	1
	2	2	8	160	0	2.5	10	75	75	75	FKM			**8993**	**488980**	2.5	2	150	1	
	2.5	2.8	8.5	220	0	10	10	75	75	75	FKM	7121CBG1LV00	**E121C13**	**2995**	**481865**	9	8	270	2	2

Therefore please specify:

I. Valve reference **or** Global valve reference
II. Housing
III. Coil
IV. Voltage or voltage code (see tables in the Electrical parts section).

Ordering example:

121K0756-2995-481865-220/50
or
7121KBG2LVMO-2995-481865-220/50

Important : valve, housing or coil can be ordered separately for use as a replacement or spare part.

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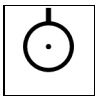
2-way valves

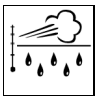
Applications



AIR

WATER

OIL



STEAM

CORROSION RESISTANT

OIL BURNER

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General application valves for dry or lubricated air, neutral gases and liquids 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	Brass body	Normally closed	1/8	1.5 to 3	70.0	8
			1/4	1.2 to 5	100.0	8
			3/8	4 to 6	10.0	12
			1/2	8.5 to 11	4.0	12
			SB	1.5 to 3	100.0	14
		Normally open	1/8	2.5	30.0	12
			1/4	1.5 to 2.5	40.0	12
		Magnetic latch control	1/4	3 to 5	20.0	12
Magnalift	Brass body	Normally closed	3/8	15	20.0	16
			1/2	15	20.0	16
			3/4	15	20.0	16
			1	15 to 25	20.0	18
		Normally open	3/8	15	8.5	20
			1/2	15	8.5	20
			3/4	19	8.5	20
	303 Stainless steel body	Normally closed	3/8	15	7.0	20
			1/2	15	7.0	20
			3/4	19	7.0	20
		Normally open	3/8	16	8.5	20
			1/2	16	8.5	20
Pilot operated	Brass body	Normally closed	1/4	8 to 12	40.0	22
			3/8	11 to 12	40.0	22
			1/2	12 to 14.5	40.0	22
			3/4	18 to 20	16.0	24
			1	18 to 25	16.0	24
			1 1/4	28	16.0	26
			1 1/2	40	16.0	26
			2	40	16.0	28
			SB	14	40.0	34
		Normally open	1/4	8 to 12	40.0	30
			3/8	11 to 12	40.0	32
			1/2	12 to 14.5	40.0	32
			3/4	18 to 20	16.0	32
			1	18 to 25	16.0	32
			1 1/4	28	16.0	32
			1 1/2	40	12.0	32
			2	40	12.0	32
			SB	14	40.0	34
		Magnetic latch control	1/4	12	12.0	34
			3/8	12	12.0	34
			1/2	12	12.0	34
			3/4	18	12.0	34
			1	18	12.0	34

Notes:
Direct operated and magnalift valves: pressure range from 0 to max pressure.
Pilot operated valves: pressure range from 0.3 to 0.5 bar to max. pressure (refer to tables).

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General application valves for dry or lubricated air, neutral gases and liquids

2/2

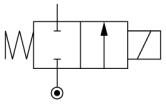


Direct operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

Brass body/Pipe mounting

Normally closed



1/8	1.5	1.5	6	80	0	20	20	75	75	75	FKM	7121ZBG1GV00	-	**2995**	**481865**	9	8	270	2	7893
	1.5	1.5	6	80	0	20	20	75	75	75	FKM			**4270**	**481000**	8	8	390	2	
	1.5	1.5	6	80	0	20	20	75	75	75	FKM			**2995**	**482730**	7	6	270	2	
	1.5	0.9	2.4	70	0	12	20	75	75	75	FKM	-	**121M14**	**8993**	**481180**	5	4	150	1	1
	1.5	0.9	2.4	70	0	4	20	75	75	75	FKM			**8993**	**488980**	2.5	2	150	1	
	1.5	1.5	12.5	80	0	25	60	75	75	75	PCTFE	7121KBG1GF00	**E121K14**	**2995**	**481865**	9	8	300	2	3
	1.5	1.5	12.5	80	0	30	70	75	75	75	PCTFE			**4270**	**481000**	8	8	420	2	
	1.5	1.5	12.5	80	0	55	70	75	75	75	PCTFE			**4270**	**486265**	14	14	430		
	2	2	8	160	0	7	10	75	75	75	FKM	-	**121M13**	**8993**	**481180**	5	4	150	1	1
	2	2	8	160	0	2.5	10	75	75	75	FKM			**8993**	**488980**	2.5	2	150	1	
	2.5	2.8	8.5	220	0	10	10	75	75	75	FKM	7121ZBG1LV00	-	**2995**	**481865**	9	8	270	2	7893
	2.5	2.8	8.5	220	0	10	10	75	75	75	FKM			**4270**	**481000**	8	8	390	2	
	2.5	2.8	8.5	220	0	5	10	75	75	75	FKM			**2995**	**482730**	7	6	270	2	
	2.5	3.5	25	220	0	10	28	100	100	100	Ruby	7121KBG1LR00	**E121K23**	**2995**	**481865**	9	8	300	2	3
	2.5	3.5	25	220	0	12	34	130	130	130	Ruby			**4270**	**481000**	8	8	420	2	
	2.5	3.5	25	220	0	22	50	120	120	120	Ruby			**4270**	**486265**	14	14	430		
	3	4.5	9	315	0	7	10	100	100	100	FKM	7121KBG1NV00	**121K1302**	**2995**	**481865**	9	8	300	2	3
	3	4.5	9	315	0	8	10	120	120	120	FKM			**4270**	**481000**	8	8	420	2	
	3	4.5	9	315	0	10	10	120	120	120	FKM			**4270**	**486265**	14	14	430		
	3	4.5	9	315	0	7	10	100	100	100	FKM	7121KBG1NVM0	**121K1352** [1]	**2995**	**481865**	9	8	300	2	3
	3	4.5	9	315	0	8	10	120	120	120	FKM			**4270**	**481000**	8	8	420	2	
	3	4.5	9	315	0	10	10	120	120	120	FKM			**4270**	**486265**	14	14	430		
1/4	1.2	0.85	8.5	50	0	36	80	100	100	100	Ruby	7121KBG2ER00	**E121K65**	**2995**	**481865**	9	8	290		3
	1.2	0.85	8.5	50	0	43	100	130	130	130	Ruby			**4270**	**481000**	8	8	410		
	1.2	0.85	8.5	50	0	75	100	120	120	120	Ruby			**4270**	**486265**	14	14	420		
	1.5	1.5	6	80	0	20	20	100	100	100	FKM	7121KBG2GV00	**E121K0402**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	6	80	0	20	20	120	120	120	FKM			**4270**	**481000**	8	8	410	2	

Table continued on page 10

Notes:

* See Electrical Parts Group table at end of section

1. Manual override standard

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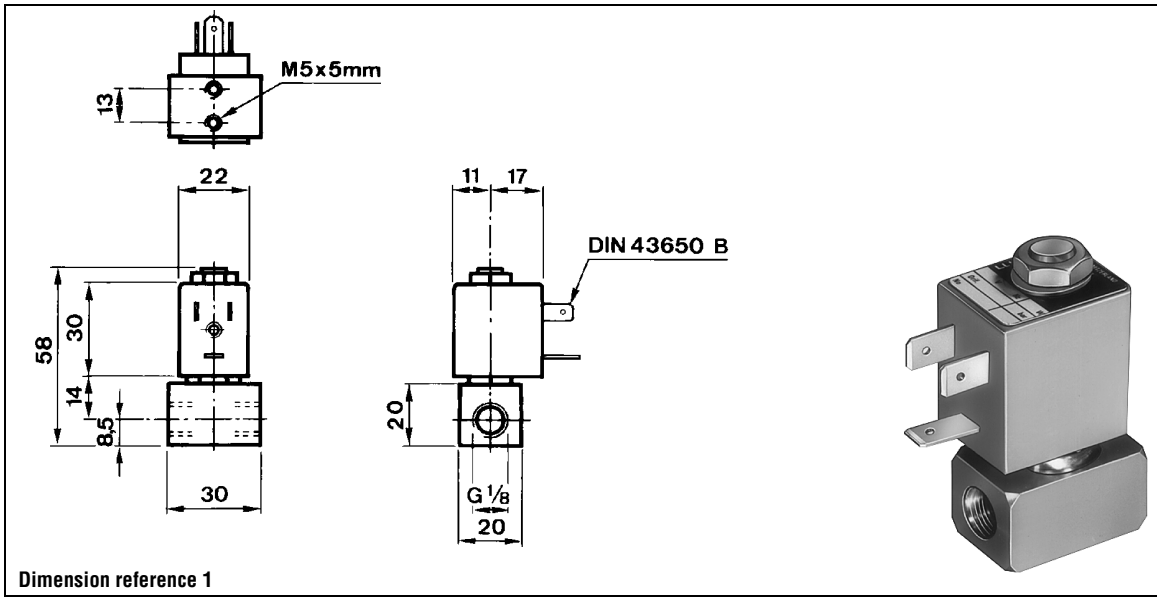
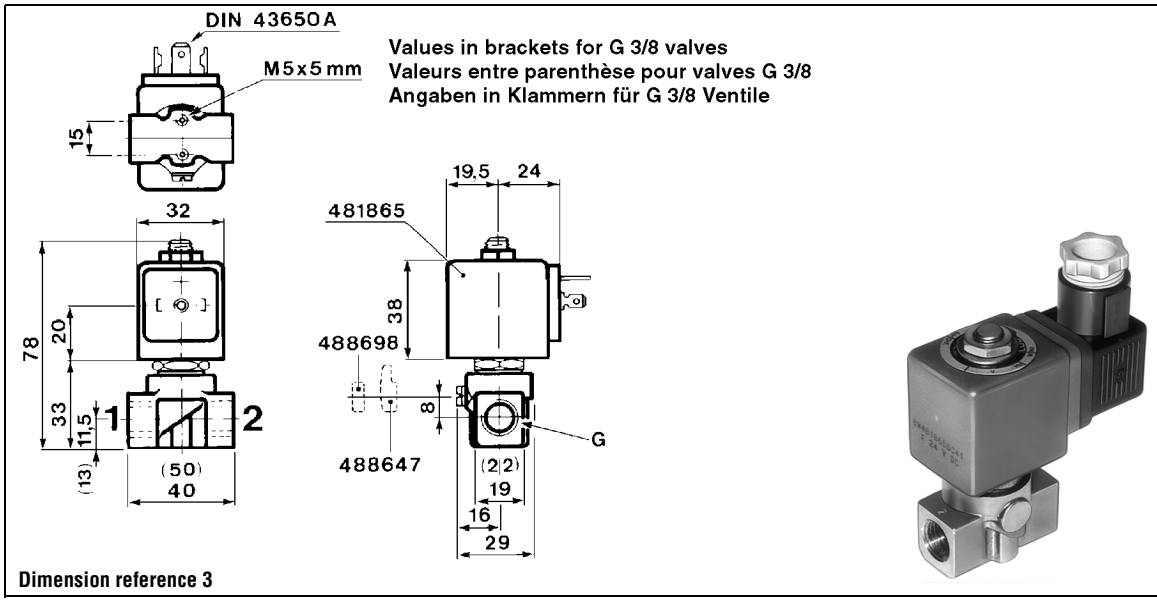
General application valves 2/2 - Direct operated



Dimension reference 1



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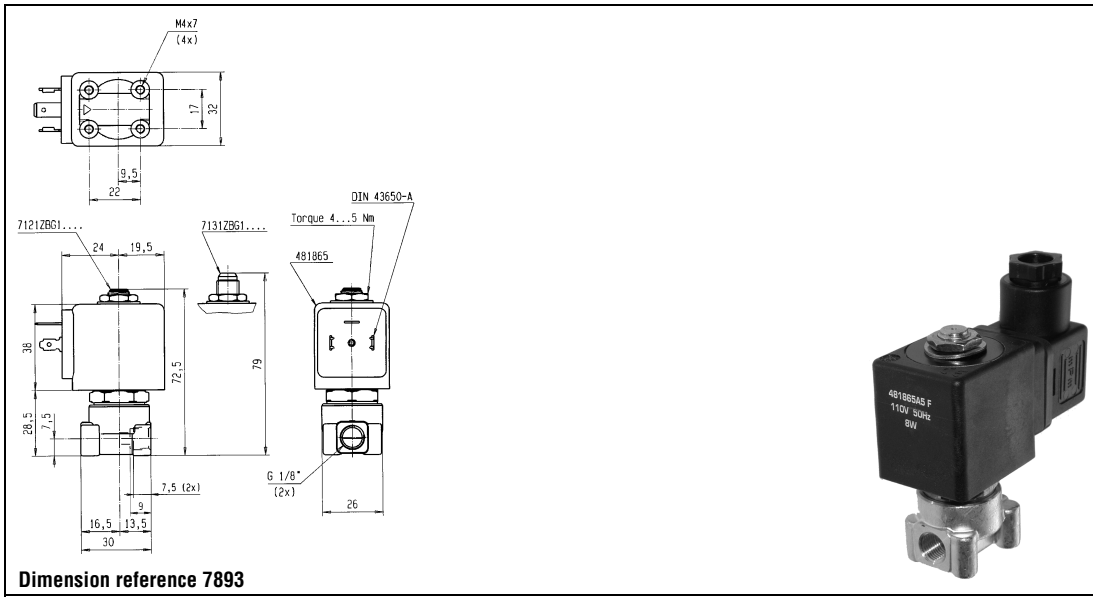

Dimension reference 7893

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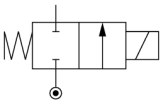
General application valves 2/2 - Direct operated

Brass body/Pipe mounting

Normally closed



Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													
1/4	1.5	1.5	12.5	80	0	25	60	75	75	75	PCTFE	7121KBG2GF00	**E121K04**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	12.5	80	0	30	70	75	75	75	PCTFE			**4270**	**481000**	8	8	410	2	
	1.5	1.5	12.5	80	0	55	70	75	75	75	PCTFE			**4270**	**486265**	14	14	420		
	1.5	1.5	15	80	0	25	60	100	100	100	Ruby	7121KBG2GR00	**E121K67**	**2995**	**481865**	9	8	290		3
	1.5	1.5	15	80	0	30	75	130	130	130	Ruby			**4270**	**481000**	8	8	410		
	1.5	1.5	15	80	0	55	100	120	120	120	Ruby			**4270**	**486265**	14	14	420		
	2.5	3.5	8.5	220	0	7	14	100	100	100	FKM	7121KBG2LV00	**121K0706**	**2995**	**481865**	9	8	290	2	3
	2.5	3.5	8.5	220	0	9	14	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	2.5	3.5	8.5	220	0	14	14	120	120	120	FKM			**4270**	**486265**	14	14	420		
	2.5	3.5	8.5	220	0	7	14	100	100	100	FKM	7121KBG2LVM0	**121K0756** [1]	**2995**	**481865**	9	8	290	2	3
	2.5	3.5	8.5	220	0	9	14	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	2.5	3.5	8.5	220	0	14	14	120	120	120	FKM			**4270**	**486265**	14	14	420		
	2.5	3.5	25	220	0	10	28	75	75	75	PCTFE	7121KBG2LF00	**E121K07**	**2995**	**481865**	9	8	290	2	3
	2.5	3.5	25	220	0	12	34	75	75	75	PCTFE			**4270**	**481000**	8	8	410	2	
	2.5	3.5	25	220	0	22	50	75	75	75	PCTFE			**4270**	**486265**	14	14	420		
	2.5	3.5	25	220	0	10	28	100	100	100	Ruby	7121KBG2LR00	**E121K63**	**2995**	**481865**	9	8	290		3
	2.5	3.5	25	220	0	12	34	130	130	130	Ruby			**4270**	**481000**	8	8	410		
	2.5	3.5	25	220	0	22	50	120	120	120	Ruby			**4270**	**486265**	14	14	420		
	3	4.5	9	315	0	7	10	100	100	100	FKM	7121KBG2NV00	**E121K0302**	**2995**	**481865**	9	8	290	2	3
	3	4.5	9	315	0	8.5	10	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	3	4.5	9	315	0	10	10	120	120	120	FKM			**4270**	**486265**	14	14	420		
	3	4.5	9	315	0	7	10	100	100	100	FKM	7121KBG2NVM0	**E121K0352** [1]	**2995**	**481865**	9	8	290	2	3
	3	4.5	9	315	0	8.5	10	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	3	4.5	9	315	0	10	10	120	120	120	FKM			**4270**	**486265**	14	14	420		
	3	4.5	27	315	0	7	20	75	75	75	PCTFE	7121KBG2NF00	**E121K03**	**2995**	**481865**	9	8	290	2	3
	3	4.5	27	315	0	8.5	25	75	75	75	PCTFE			**4270**	**481000**	8	8	410	2	
	3	4.5	27	315	0	15	36	75	75	75	PCTFE			**4270**	**486265**	14	14	420		
	3	4.5	27	320	0	7	20	100	100	100	Ruby	7121KBG2NR00	**E121K64**	**2995**	**481865**	9	8	290		3
	3	4.5	27	320	0	8.5	25	130	130	130	Ruby			**4270**	**481000**	8	8	410		
	3	4.5	27	320	0	15	36	120	120	120	Ruby			**4270**	**486265**	14	14	420		
	4	7.5	10.5	480	0	4	10	100	100	100	FKM	7121KBG2QVM0	**121K0250** [1]	**2995**	**481865**	9	8	290	2	3
	4	7.5	10.5	480	0	5	10	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	4	7.5	10.5	480	0	10	10	120	120	120	FKM			**4270**	**486265**	14	14	420		
	4	7.5	10.5	480	0	4	10	100	100	100	FKM	7121KBG2QV00	**121K02**	**2995**	**481865**	9	8	290	2	3
	4	7.5	10.5	480	0	5	10	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	4	7.5	10.5	480	0	10	10	120	120	120	FKM			**4270**	**486265**	14	14	420		
	5	11	11.5	750	0	2	7	100	100	100	FKM	7121KBG2SVM0	**121K0150** [1]	**2995**	**481865**	9	8	290	2	3
	5	11	11.5	750	0	2.8	7	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	5	11	11.5	750	0	5	7	120	120	120	FKM			**4270**	**486265**	14	14	420		

Table continued on page 12

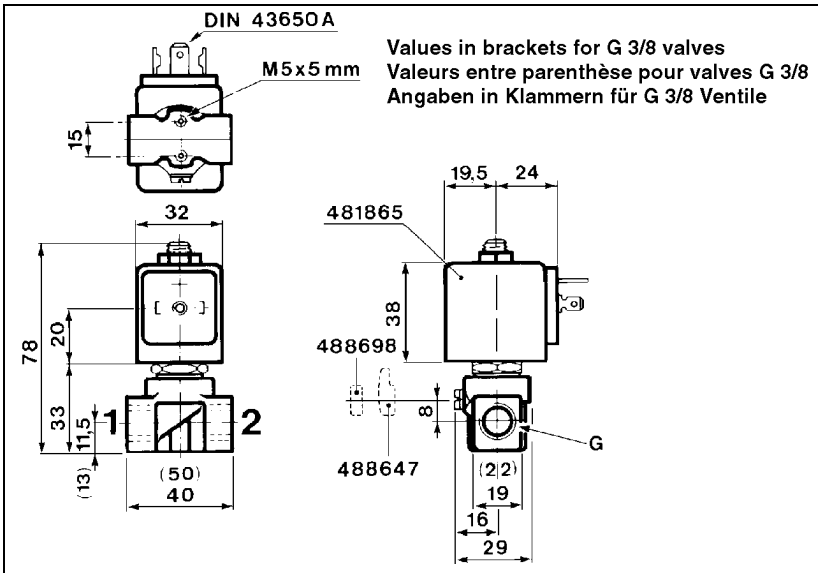
Notes:

* See Electrical Parts Group table at end of section

1. Manual override standard

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Direct operated



Dimension reference 3

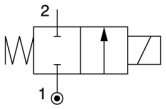
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

Brass body/Pipe mounting

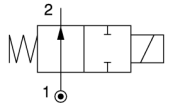
Normally closed



1/4	5	11	11.5	750	0	2	7	100	100	100	FKM	7121KBG2SV00	**121K01**	**2995**	**481865**	9	8	290	2	3
	5	11	11.5	750	0	2.8	7	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	5	11	11.5	750	0	5	7	120	120	120	FKM			**4270**	**486265**	14	14	420		
3/8	4	7.5	10.5	480	0	4	10	100	100	100	FKM	7121KBG3QV00	**121K3206**	**2995**	**481865**	9	8	340	2	3
	4	7.5	10.5	480	0	5	10	120	120	120	FKM			**4270**	**481000**	8	8	460	2	
	4	7.5	10.5	480	0	10	10	120	120	120	FKM			**4270**	**486265**	14	14	470		
	5	11	11.5	750	0	2	7	100	100	100	FKM	7121KBG3SV00	**121K3106**	**2995**	**481865**	9	8	340	2	3
	5	11	11.5	750	0	2.8	7	120	120	120	FKM			**4270**	**481000**	8	8	460	2	
	5	11	11.5	750	0	5	7	120	120	120	FKM			**4270**	**486265**	14	14	470		
	6	12	12.5	1100	0	1.1	5	100	100	100	FKM	7121KBG3UV00	**121K3306**	**2995**	**481865**	9	8	340	2	3
	6	12	12.5	1100	0	1.5	5	120	120	120	FKM			**4270**	**481000**	8	8	460	2	
	6	12	12.5	1100	0	3	5	120	120	120	FKM			**4270**	**486265**	14	14	470	2	
1/2	8.5	25	15	1600	0	0.5	1.1	100	100	100	FKM	7121KBG42V00	**E121K46**	**2995**	**481865**	9	8	430	2	7
	8.5	25	15	1600	0	0.5	2.2	120	120	120	FKM			**4270**	**481000**	8	8	550	2	
	8.5	25	15	1600	0	1.2	4	120	120	120	FKM			**4270**	**486265**	14	14	560		
	11	36	20	2500	0	0.3	0.7	100	100	100	FKM	7121KBG44V00	**E121K45**	**2995**	**481865**	9	8	430	2	7
	11	36	20	2500	0	0.35	1.2	120	120	120	FKM			**4270**	**481000**	8	8	550	2	
	11	36	20	2500	0	0.7	2.5	120	120	120	FKM			**4270**	**486265**	14	14	560		

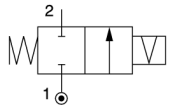
Brass body/Pipe mounting

Normally open



1/8	2.5	3.5	-	-	0	-	30	140	120	140	Ruby	7122KBG1LR00	**122K9363**	**4270**	**481044**	-	14	445		4
	2.5	3.5	-	-	0	30	30	140	120	140	Ruby			**4270**	**486265**	14	14	455		
1/4	1.5	1.5	6	80	0	20	20	100	100	100	FKM	7122KBG2GV00	**122K8406**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	6	80	0	20	20	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	1.5	1.5	8	80	0	30	30	100	100	100	PCTFE	7122KBG2GF00	**122K84**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	8	80	0	30	30	120	120	120	PCTFE			**4270**	**481000**	8	8	410	2	
	1.5	1.5	9.5	96	0	40	40	100	100	100	Ruby	7122KBG2GR00	**122K8408**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	9.5	96	0	40	40	130	130	130	Ruby			**4270**	**481000**	8	8	410	2	
	2.5	3	3.5	180	0	12	12	100	100	100	FKM	7122KBG2LV00	**122K8306**	**2995**	**481865**	9	8	290	2	3
	2.5	3	3.5	180	0	12	12	120	120	120	FKM			**4270**	**481000**	8	8	410	2	
	2.5	3	9.5	180	0	12	12	75	75	75	PCTFE	7122KBG2LF00	**122K83**	**2995**	**481865**	9	8	290	2	3
	2.5	3	9.5	180	0	12	12	75	75	75	PCTFE			**4270**	**481000**	8	8	410	2	
	2.5	3.5	-	-	0	-	30	140	120	140	Ruby	7122KBG2LR00	**122K8363**	**4270**	**481044**	-	14	425		4
	2.5	3.5	-	-	0	30	30	140	120	140	Ruby			**4270**	**486265**	14	14	435		

Magnetic latch control



Brass body/Pipe mounting

1/4	3	4.5	20	320	0	-	20	75	75	75	PCTFE	7125KBG2NF00	**125K03**	**4269**	**484990**	-	11	430	4	3
	3	4.5	20	320	0	7	-	75	75	75	PCTFE			**4269**	**485400**	13	-	430	4	

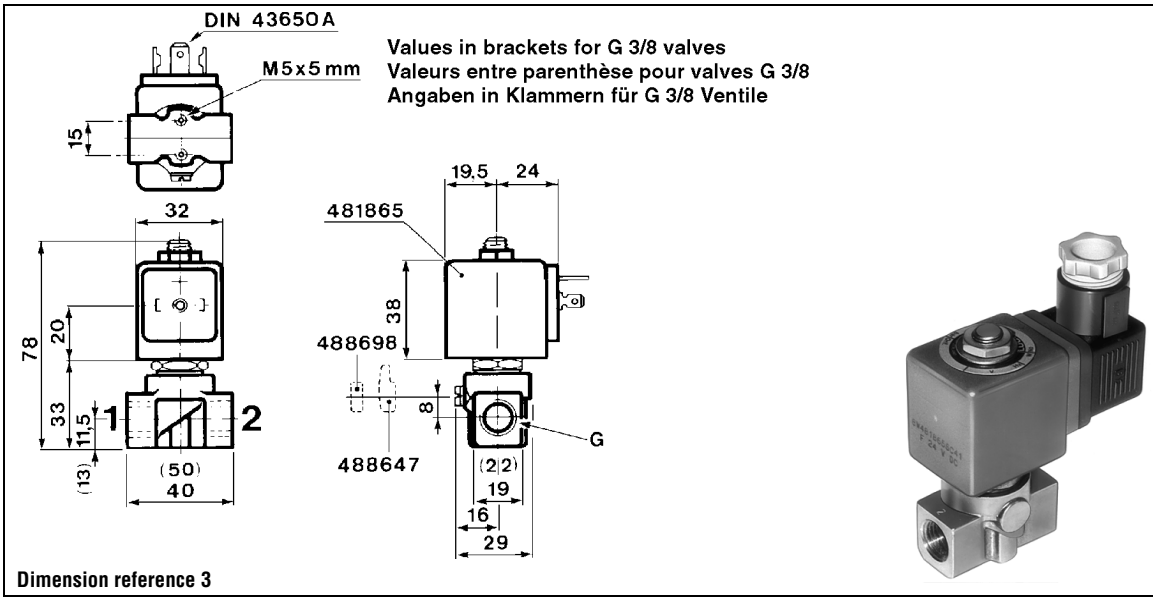
Table continued on page 14

Notes:

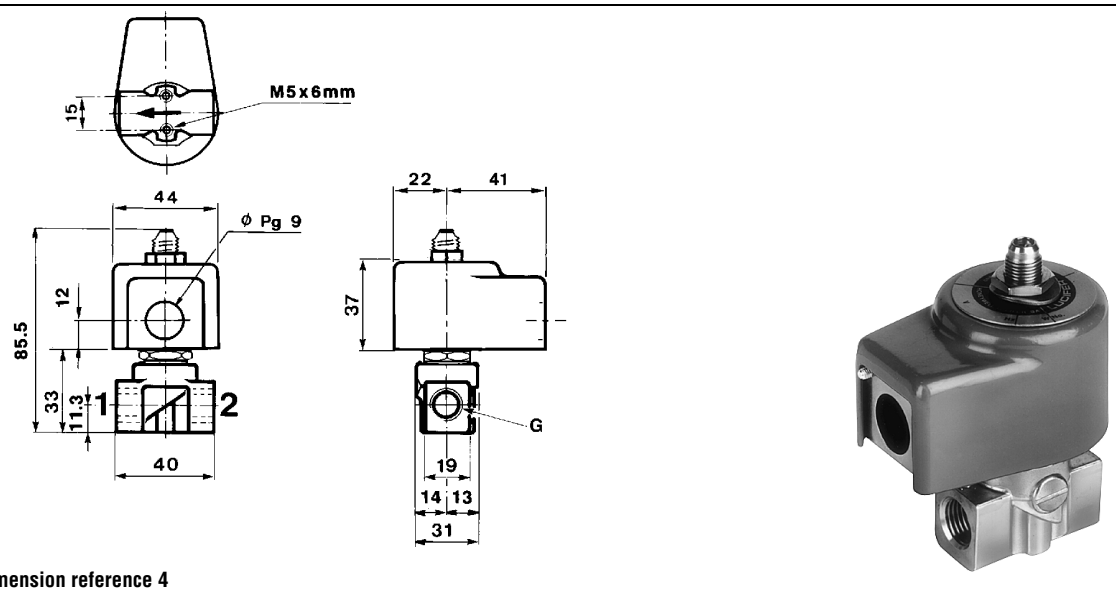
* See Electrical Parts Group table at end of section

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

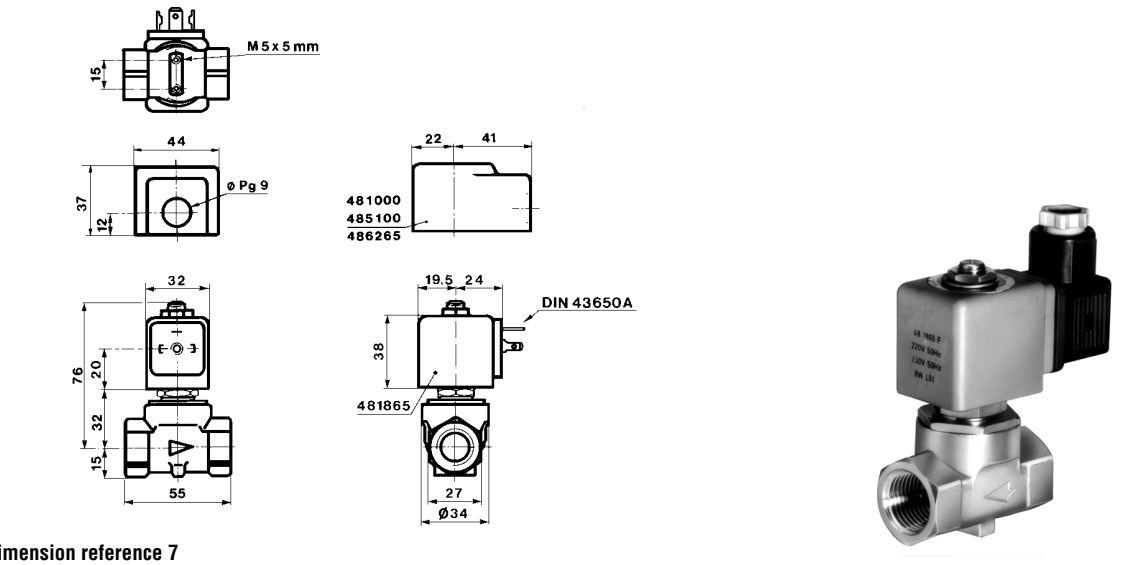
General application valves 2/2 - Direct operated



Dimension reference 3



Dimension reference 4



Dimension reference 7

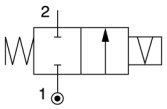
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

Brass body/Pipe mounting

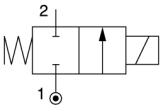
Magnetic latch control



1/4	5	11	11.5	750	0	-	5	100	100	100	FKM	7125KBG2SV00	**125K01**	**4269**	**484990**	-	11	430	4	3
	5	11	11.5	750	0	1.5	-	100	100	100	FKM			**4269**	**485400**	13	-	430	4	

Brass body/Sub-base mounting

Normally closed



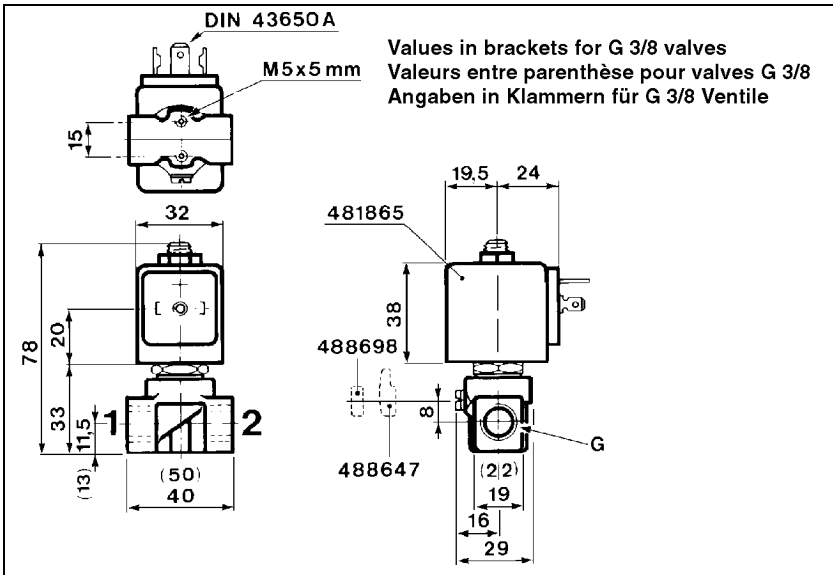
SB	1.5	1.6	6	80	0	20	20	100	100	100	FKM	7121FBF4GV00	**E121F4406**	**2995**	**481865**	9	8	250		12
	1.5	1.6	6	80	0	20	20	120	120	120	FKM			**4270**	**481000**	8	8	370		
	1.5	1.5	12.5	80	0	25	60	75	75	75	PCTFE	7121FBF4GF00	**E121F44**	**2995**	**481865**	9	8	250	2	12
	1.5	1.5	12.5	80	0	30	70	75	75	75	PCTFE			**4270**	**481000**	8	8	370	2	
	1.5	1.5	12.5	80	0	55	70	75	75	75	PCTFE			**4270**	**486265**	14	14	380	2	
	1.5	1.5	15	80	0	25	60	100	100	100	Ruby	7121FBF4GR00	**121F67**	**2995**	**481865**	9	8	255	2	12
	1.5	1.5	15	80	0	30	75	130	130	130	Ruby			**4270**	**481000**	8	8	375	2	
	1.5	1.5	15	80	0	55	100	120	120	120	Ruby			**4270**	**486265**	14	14	385	2	
	2.5	3.5	8.5	220	0	7	14	100	100	100	FKM	7121FBF4LV00	**121F4706**	**2995**	**481865**	9	8	250	2	12
	2.5	3.5	8.5	220	0	9	14	120	120	120	FKM			**4270**	**481000**	8	8	370	2	
	2.5	3.5	8.5	220	0	14	14	120	120	120	FKM			**4270**	**486265**	14	14	380	2	
	2.5	3.5	25	220	0	10	28	75	75	75	PCTFE	7121FBF4LF00	**121F47**	**2995**	**481865**	9	8	250	2	12
	2.5	3.5	25	220	0	12	34	75	75	75	PCTFE			**4270**	**481000**	8	8	370	2	
	2.5	3.5	25	220	0	22	50	75	75	75	PCTFE			**4270**	**486265**	14	14	380	2	
	2.5	3.5	25	220	0	10	28	100	100	100	Ruby	7121FBF4LR00	**121F63**	**2995**	**481865**	9	8	255	2	12
	2.5	3.5	25	220	0	12	34	130	130	130	Ruby			**4270**	**481000**	8	8	375	2	
	2.5	3.5	25	220	0	22	50	120	120	120	Ruby			**4270**	**486265**	14	14	385	2	
	3	4.5	9	315	0	7	10	100	100	100	FKM	7121FBF4NV00	**E121F4302**	**2995**	**481865**	9	8	250	2	12
	3	4.5	9	315	0	8.5	10	120	120	120	FKM			**4270**	**481000**	8	8	370	2	
	3	4.5	9	315	0	10	10	120	120	120	FKM			**4270**	**486265**	14	14	380	2	
	3	4.5	27	315	0	7	20	75	75	75	PCTFE	7121FBF4NF00	**E121F43**	**2995**	**481865**	9	8	250	2	12
	3	4.5	27	315	0	8.5	25	75	75	75	PCTFE			**4270**	**481000**	8	8	370	2	
	3	4.5	27	315	0	15	36	75	75	75	PCTFE			**4270**	**486265**	14	14	380	2	
	3	4.5	27	320	0	7	20	100	100	100	Ruby	7121FBF4NR00	**121F64**	**2995**	**481865**	9	8	255	2	12
	3	4.5	27	320	0	8.5	25	130	130	130	Ruby			**4270**	**481000**	8	8	375	2	
	3	4.5	27	320	0	15	36	120	120	120	Ruby			**4270**	**486265**	14	14	385	2	

Notes:

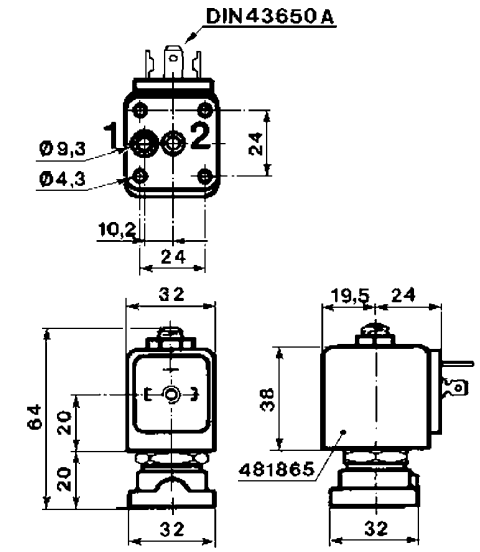
* See Electrical Parts Group table at end of section

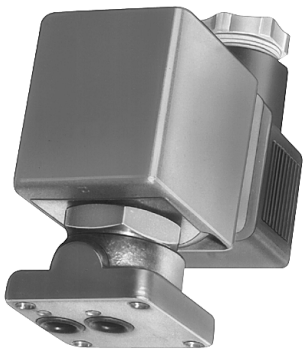
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Direct operated



Dimension reference 3





Dimension reference 12

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves for dry or lubricated air, neutral gases and liquids

2/2

Applications

Magnalift valves are recommended in applications where the minimum pressure cannot be held at a sufficient level, i.e. where the effective supply pressure may be zero. This concerns applications like filling/emptying tanks by gravity and any other applications with a minimum pressure of zero.

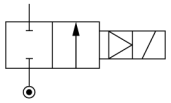


Magnalift

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
G		kv	Qmax	Qn		DC	AC												

Brass body/Pipe mounting

Normally closed



3/8	15	65	65	4500	0	10	-	100	-	100	FKM	7221GBG3VVH0	**221G2330**	**2995**	**481865** [1]	9	-	630	10
	15	65	65	4500	0	10	10	65	-	65	FKM			**4270.06**	**492070** [1]	8	8	1000	
	15	65	65	4500	0	10	10	75	-	75	FKM			**4270.06**	**492190** [1]	9	11	1000	
	15	65	65	4500	0	-	16	100	-	100	FKM	7221GBG3VV00	**221G23**	**2995**	**481865**	9	8	630	10
	15	65	65	4500	0	-	16	120	-	120	FKM			**4270**	**481000**	8	8	750	
	15	65	65	4500	0	7	20	120	-	140	FKM			**4270**	**486265**	14	14	760	
	15	65	65	4500	0	10	-	100	75	100	NBR	7221GBG3VNH0	**221G1330**	**2995**	**481865** [1]	9	-	630	10
	15	65	65	4500	0	10	10	65	65	65	NBR			-	**492070** [1]	8	8	1000	
	15	65	65	4500	0	10	10	75	75	75	NBR			-	**492190** [1]	9	11	1000	
	15	65	65	4500	0	-	16	100	75	100	NBR	7221GBG3VN00	**221G13**	**2995**	**481865**	-	8	630	10
	15	65	65	4500	0	-	16	100	75	100	NBR			**4270**	**481000**	-	8	750	
	15	65	65	4500	0	7	-	100	75	100	NBR			**4270**	**486265**	14	-	760	
1/2	15	65	65	4500	0	-	16	75	-	75	FKM	7221GBG4VV1D	**221G25001D**	-	**483250**	-	8	1605	3846
	15	65	65	4500	0	10	-	100	-	100	FKM	7221GBG4VVH0	**221G2530**	**2995**	**481865** [1]	9	-	640	10
	15	65	65	4500	0	10	10	65	-	65	FKM			-	**492070** [1]	8	8	1010	
	15	65	65	4500	0	10	10	75	-	75	FKM			-	**492190** [1]	9	11	1010	
	15	65	65	4500	0	-	16	100	-	100	FKM	7221GBG4VV00	**221G25**	**2995**	**481865**	-	8	630	10
	15	65	65	4500	0	-	16	120	-	120	FKM			**4270**	**481000**	-	8	760	
	15	65	65	4500	0	7	20	120	-	140	FKM			**4270**	**486265**	14	14	760	
	15	65	65	4500	0	10	-	100	75	100	NBR	7221GBG4VNH0	**221G1530**	**2995**	**481865** [1]	9	-	640	10
	15	65	65	4500	0	10	10	65	65	65	NBR			-	**492070** [1]	8	9	1010	
	15	65	65	4500	0	10	10	75	75	75	NBR			-	**492190** [1]	9	11	1010	
	15	65	65	4500	0	-	16	100	75	100	NBR	7221GBG4VN00	**221G15**	**2995**	**481865**	-	8	640	10
	15	65	65	4500	0	-	16	100	75	100	NBR			**4270**	**481000**	-	8	760	
	15	65	65	4500	0	7	-	100	75	100	NBR			**4270**	**486265**	14	-	770	
3/4	15	80	80	6000	0	-	16	75	-	75	FKM	7221GBG51V1D	**221G26001D**	-	**483250**	-	8	1635	3847

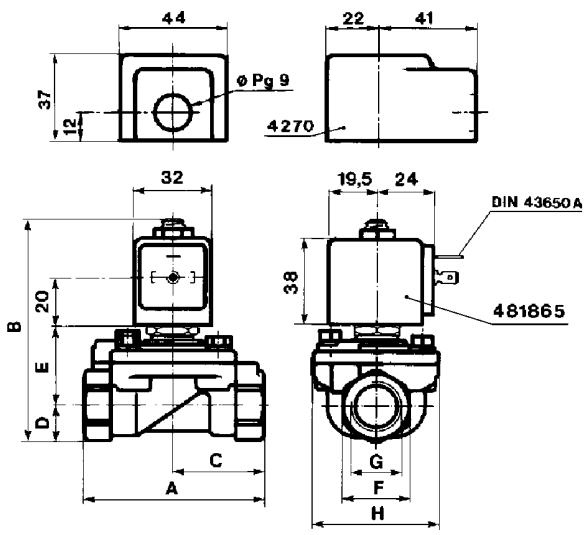
Table continued on page 18

Notes:

1. Valves with model number ending by 30 or 31 are mainly equipped with electrical parts EEx me II T3/T4 No. 492190 or EEx m II T4/T5 No. 492070 or with standard DC coils.

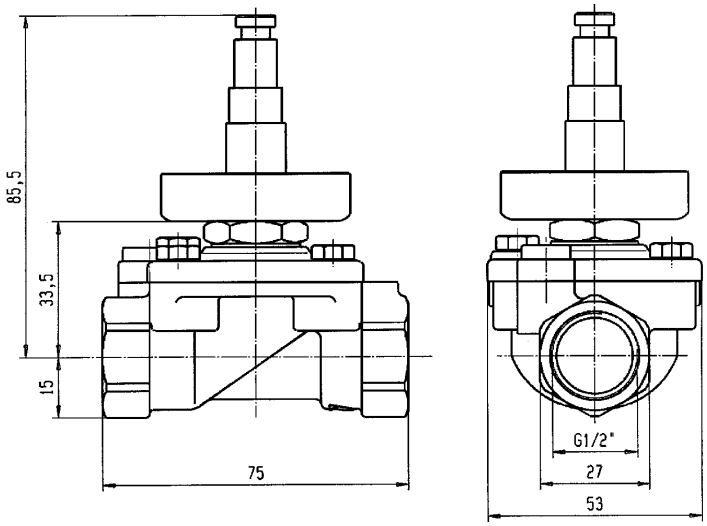
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Magnalift

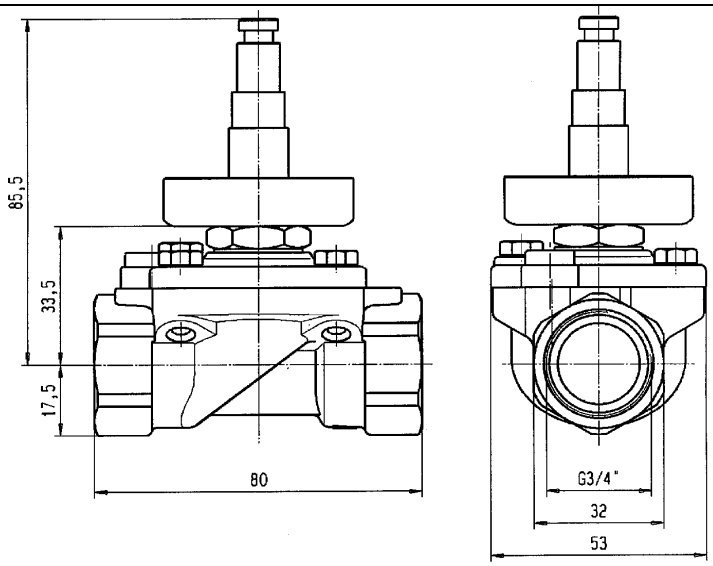


	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G15/25	75	93	37.5	15	34	27	1/2	53
G13/23	75	93	37.5	15	34	27	3/8	53
G16/26	80	95.5	40	17.5	34	32	3/4	53
G17/27	85	102.5	42.5	22.5	36	41	1	53
G21	100	108	50	23	41	41	1	70

Dimension reference 10



Dimension reference 3846



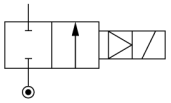
Dimension reference 3847

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Magnalift

Brass body/Pipe mounting

Normally closed



Port size G	Orifice (mm)	Flow factors (L/min) Liquids kv	Liquids Qmax	Gases Qn	Admissible differential pressure bar Min	Max DC	Max AC	Fluid temp. °C Gas	Liquid	Oil	Seat disc	Reference numbers Global valve reference	Valve reference no.	Housing	Coil	Power consumption (W) DC	AC	Wt. (g)	Dim ref.
3/4	15	80	80	6000	0	10	-	100	-	100	FKM	7221GBG51VH0	**221G2630**	**2995**	**481865** [1]	9	-	670	10
	15	80	80	6000	0	10	10	65	-	65	FKM			**-**	**492070** [1]	8	8	1040	
	15	80	80	6000	0	10	10	75	-	75	FKM			**-**	**492190** [1]	9	11	1040	
	15	80	80	6000	0	-	16	100	-	100	FKM	7221GBG51V00	**221G26**	**2995**	**481865**	-	8	670	10
	15	80	80	6000	0	-	16	120	-	120	FKM			**4270**	**481000**	-	8	790	
	15	80	65	6000	0	7	20	120	-	140	FKM			**4270**	**486265**	14	14	800	
	15	80	80	6000	0	10	-	100	75	100	NBR	7221GBG51NH0	**221G1630**	**2995**	**481865** [1]	9	-	670	10
	15	80	80	6000	0	10	10	65	65	65	NBR			**-**	**492070** [1]	8	8	1040	
	15	80	80	6000	0	10	10	75	75	75	NBR			**-**	**492190** [1]	9	11	1040	
	15	80	80	6000	0	-	16	100	75	100	NBR	7221GBG51N00	**221G16**	**2995**	**481865**	-	8	670	10
	15	80	80	6000	0	-	16	100	75	100	NBR			**4270**	**481000**	-	8	790	
	15	80	80	6000	0	7	-	100	75	100	NBR			**4270**	**486265**	14	-	800	
1	15	80	80	6000	0	-	16	75	-	75	FKM	7221GBG61V1D	**221G27001D**	**-**	**483250**	-	8	1775	3848
	15	80	80	6000	0	10	-	100	-	100	FKM	7221GBG61VH0	**221G2730**	**2995**	**481865** [1]	9	-	810	10
	15	80	80	6000	0	10	10	65	-	65	FKM			**-**	**492070** [1]	8	8	1180	
	15	80	80	6000	0	10	10	75	-	75	FKM			**-**	**492190** [1]	9	11	1180	
	15	80	80	6000	0	-	16	100	-	100	FKM	7221GBG61V00	**221G27**	**2995**	**481865**	-	8	810	10
	15	80	80	6000	0	-	16	120	-	120	FKM			**4270**	**481000**	-	8	930	
	15	80	65	6000	0	7	20	120	-	120	FKM			**4270**	**486265**	14	14	940	
	15	80	80	6000	0	10	-	100	75	100	NBR	7221GBG61NH0	**221G1730**	**2995**	**481865** [1]	9	-	810	10
	15	80	80	6000	0	10	10	65	65	65	NBR			**-**	**492070** [1]	8	8	1180	
	15	80	80	6000	0	10	10	75	75	75	NBR			**-**	**492190** [1]	9	11	1180	
	15	80	80	6000	0	-	16	100	75	100	NBR	7221GBG61N00	**221G17**	**2995**	**481865**	-	8	810	10
	15	80	80	6000	0	-	16	100	75	100	NBR			**4270**	**481000**	-	8	930	
	15	80	80	6000	0	7	-	100	75	100	NBR			**4270**	**486265**	14	-	940	
	25	160	160	14000	0	-	16	100	-	100	FKM	7221GBG64V00	**221G2106**	**2995**	**481865**	-	8	1170	10
	25	160	160	14000	0	-	16	100	-	120	FKM			**4270**	**481000**	-	8	1290	
	25	160	160	14000	0	6	16	100	-	120	FKM			**4270**	**486265**	14	14	1300	
	25	170	160	14000	0	10	-	100	-	100	FKM	7221GBG64VH0	**221G2136**	**2995**	**481865**	9	-	1170	10
	25	170	160	14000	0	10	10	65	-	65	FKM			**-**	**492070** [1]	8	8	1540	
	25	170	160	14000	0	10	10	75	-	75	FKM			**-**	**492190**	9	11	1540	
	25	170	160	14000	0	10	-	100	75	100	NBR	7221GBG64NH0	**221G2130**	**2995**	**481865** [1]	9	-	1170	10
	25	170	160	14000	0	10	10	65	65	65	NBR			**-**	**492070** [1]	8	8	1540	
	25	170	160	14000	0	10	10	75	75	75	NBR			**-**	**492190** [1]	9	11	1540	
	25	160	160	14000	0	-	16	100	75	100	NBR	7221GBG64N00	**221G21**	**2995**	**481865**	-	8	1170	10
	25	160	160	14000	0	-	16	100	75	100	NBR			**4270**	**481000**	-	8	1290	
	25	160	160	14000	0	6	-	100	75	100	NBR			**4270**	**486265**	14	-	1300	

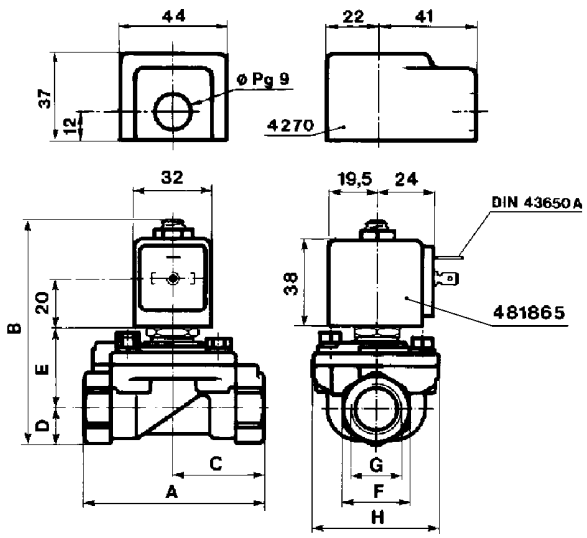
Table continued on page 20

Notes:

1. Valves with model number ending by 30 or 31 are mainly equipped with electrical parts EEx me II T3/T4 No. 492190 or EEx m II T4/T5 No. 492070 or with standard DC coils.

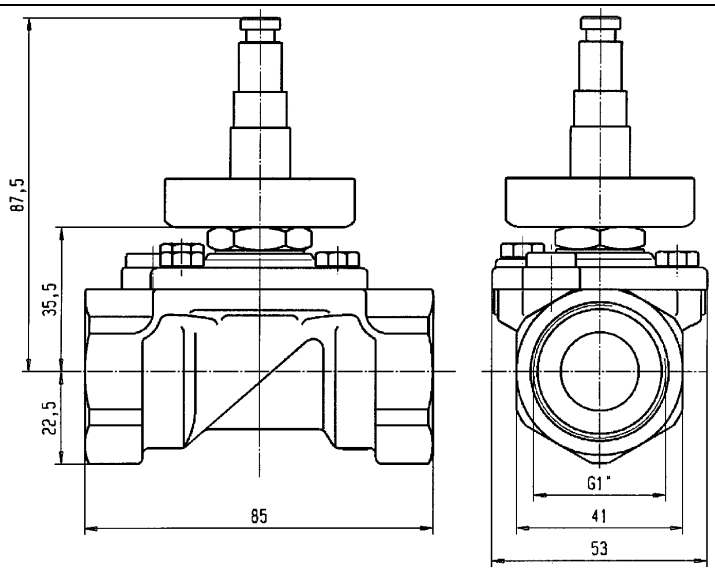
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Magnalift



	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G15/25	75	93	37.5	15	34	27	1/2	53
G13/23	75	93	37.5	15	34	27	3/8	53
G16/26	80	95.5	40	17.5	34	32	3/4	53
G17/27	85	102.5	42.5	22.5	36	41	1	53
G21	100	108	50	23	41	41	1	70

Dimension reference 10



Dimension reference 3848

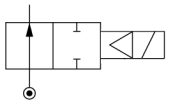
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Magnalift

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
G		kv	Qmax	Qn		DC	AC												

Brass body/Pipe mounting

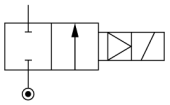
Normally open



3/8	15	43	43	-	0	8.5	8.5	85	85	85	FKM	72228BG3TV00	**222G3306**	**4270**	**486265**	14	14	940	102
1/2	15	58	58	-	0	8.5	8.5	85	85	85	FKM	72228BG4UV00	**222G3506**	**4270**	**486265**	14	14	940	102
3/4	19	72	72	-	0	8.5	8.5	85	85	85	FKM	72228BG5VV00	**222G3606**	**4270**	**486265**	14	14	940	102

303 Stainless steel body/Pipe mounting

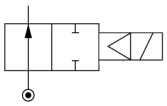
Normally closed



3/8	15	42	42	-	0	-	7	85	85	85	FKM	72218RG3TV00	**221G5306**	**2995**	**481865**	-	8	930	102
	15	42	42	-	0	-	7	85	85	85	FKM			**4270**	**481000**	-	8	1050	
	15	42	42	-	0	2.8	-	85	85	85	FKM			**4270**	**486265**	14	-	1060	
1/2	15	54	54	-	0	-	7	85	85	85	FKM	72218RG4UV00	**221G5506**	**2995**	**481865**	-	8	930	102
	15	54	54	-	0	-	7	85	85	85	FKM			**4270**	**481000**	-	8	1050	
	15	54	54	-	0	2.8	-	85	85	85	FKM			**4270**	**486265**	14	-	1060	
3/4	19	71	71	-	0	-	7	85	85	85	FKM	72218RG5VV00	**221G5606**	**2995**	**481865**	-	8	930	102
	19	71	71	-	0	-	7	85	85	85	FKM			**4270**	**481000**	-	8	1050	
	19	71	71	-	0	2.8	-	85	85	85	FKM			**4270**	**486265**	14	-	1060	

303 Stainless steel body/Pipe mounting

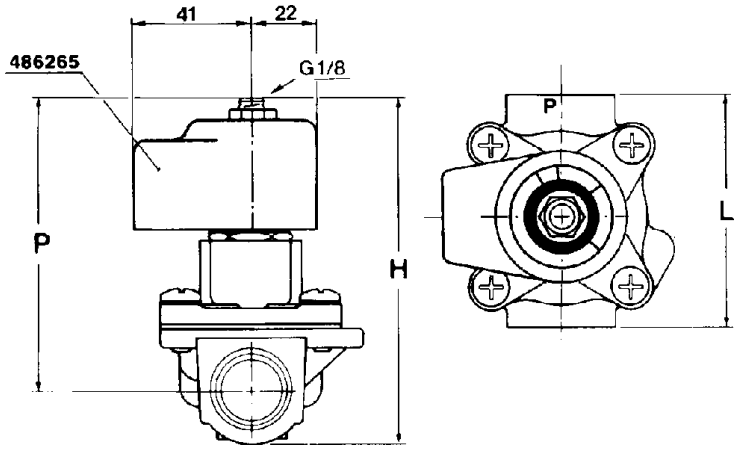
Normally open



3/8	16	43	43	-	0	8.5	8.5	85	85	85	FKM	72228RG3TV00	**222G5306**	**4270**	**486265**	14	14	-	102
1/2	16	58	58	-	0	8.5	8.5	85	85	85	FKM	72228RG4UV00	**222G5506**	**4270**	**486265**	14	14	1050	102

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Magnalift



	H mm	P mm	L mm
221G53../222G33..	103	89	67
221G55../222G35..	103	89	67
221G56../222G36..	103	89	69

Dimension reference 102

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves for dry or lubricated air, neutral gases and liquids

2/2

Applications

Pilot operated valves are ideally suited to shut-off applications of liquids with high flow and pressure.
A minimum operating pressure is required: refer to tables.

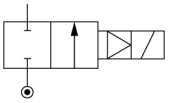


Pilot operated

Port size G	Orifice (mm)	Flow factors (L/min) Liquids kv	Liquids Qmax	Gases Qn	Admissible differential pressure bar Min	Max DC	Max AC	Fluid temp. °C Gas	Liquid	Oil	Seat disc	Reference numbers Global valve reference	Valve reference no.	Housing	Coil	Power consumption (W) DC	AC	Wt. (g)	El. Part Group *	Dim ref.

Brass body/Pipe mounting

Normally closed



1/4	8	36	36	-	0.3 [2]	25	40	-	100	100	FKM	7321HBG2SV00	**E321H21** [1]	**2995**	**481865**	9	8	800	2	9
	8	36	36	-	0.3	30	40	-	100	100	FKM			**4270**	**481000**	8	8	920	2	
	8	36	36	-	0.3 [2]	40	40	-	100	100	FKM			**4270**	**486265**	14	14	930	2	
	8	36	36	1600	0.3 [2]	25	40	100	75	100	NBR	7321HBG2SN00	**E321H11** [1]	**2995**	**481865**	9	8	800	2	9
	8	36	36	1600	0.3 [2]	30	40	100	75	100	NBR			**4270**	**481000**	8	8	920	2	
	12	30	30	2150	0.3	10	10	100	100	100	FKM	-	**321K3106**	**8993**	**481180**	5	4	380	1	72
	12	30	30	2150	0.3	7	10	75	75	75	FKM			**8993**	**488980**	2.5	2	380	1	
	12	30	30	2150	0.3	10	10	100	75	100	NBR	-	**321K31**	**8993**	**481180**	5	4	380	1	72
	12	30	30	2150	0.3	7	10	75	75	75	NBR			**8993**	**488980**	2.5	2	380	1	
3/8	11	50	50	-	0.3 [2]	25	40	-	100	100	FKM	7321HBG3TV00	**E321H23** [1]	**2995**	**481865**	9	8	780	2	9
	11	50	50	-	0.3 [2]	30	40	-	100	120	FKM			**4270**	**481000**	8	8	900	2	
	11	50	50	-	0.3 [2]	40	40	-	100	140	FKM			**4270**	**486265**	14	14	910	2	
	11	50	50	2800	0.3 [2]	25	40	100	75	100	NBR	7321HBG3TN00	**E321H13** [1]	**2995**	**481865**	9	8	780	2	9
	11	50	50	2800	0.3 [2]	30	40	100	75	100	NBR			**4270**	**481000**	8	8	900	2	
	12	45	45	3050	0.3	10	10	100	100	100	FKM	-	**321K3306**	**8993**	**481180**	5	4	380	1	72
	12	45	45	3050	0.3	7	10	75	75	75	FKM			**8993**	**488980**	2.5	2	380	1	
	12	45	45	3050	0.3	10	10	100	75	100	NBR	-	**321K33**	**8993**	**481180**	5	4	380	1	72
	12	45	45	3050	0.3	7	10	75	75	75	NBR			**8993**	**488980**	2.5	2	380	1	
1/2	12	50	50	3400	0.3	10	10	100	100	100	FKM	-	**321K3506**	**8993**	**481180**	5	4	380	1	72
	12	50	50	3400	0.3	7	10	75	75	75	FKM			**8993**	**488980**	2.5	2	380	1	
	12	50	50	3400	0.3	10	10	100	75	100	NBR	-	**321K35**	**8993**	**481180**	5	4	380	1	72
	12	50	50	3400	0.3	7	10	75	75	75	NBR			**8993**	**488980**	2.5	2	380	1	
	14.5	60	60	-	0.3 [2]	25	40	-	100	100	FKM	7321HBG4UV00	**E321H25** [1]	**2995**	**481865**	9	8	740	2	9
	14.5	60	60	-	0.3 [2]	30	40	-	100	120	FKM			**4270**	**481000**	8	8	860	2	
	14.5	60	60	-	0.3 [2]	40	40	-	100	140	FKM			**4270**	**486265**	14	14	870	2	
	14.5	60	60	3150	0.3	10	-	75	75	-	NBR	-	**321H1590** [3]	**-**	**483580.01** [4]	0.4	-	715	7	75

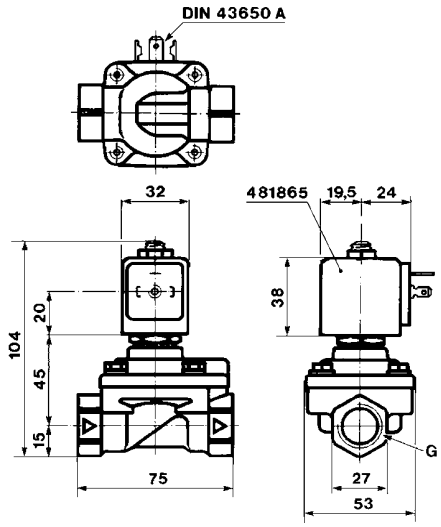
Table continued on page 24

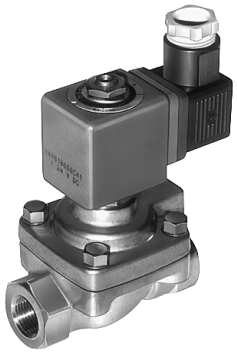
Notes:

* See Electrical Parts Group table at end of section
1. Pilot seat discs from ruby (synthetic)
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
3. Other coil-housing available: 488650.01, 488660.01, 4888670.01 (refer to electrical parts at end of this section)
4. This reference no. is for the complete electrical part (coil + housing)

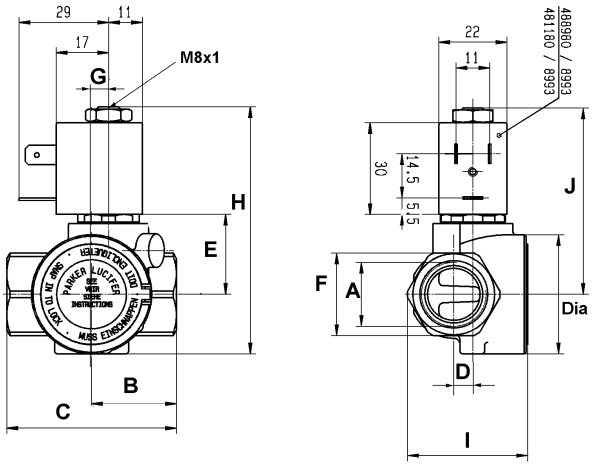
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated



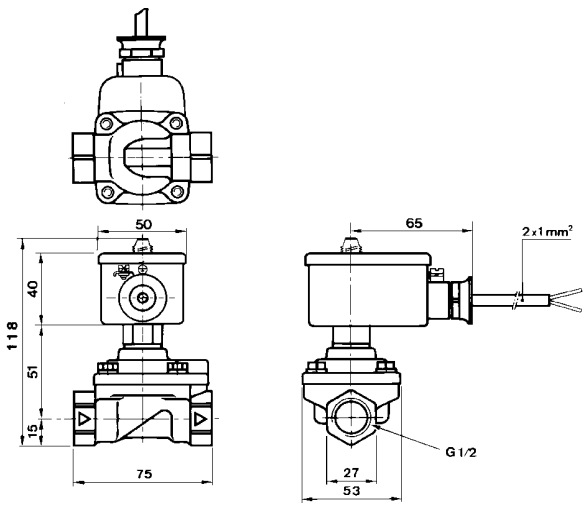


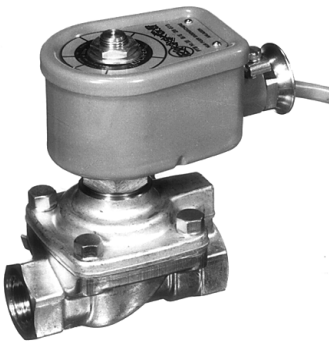
Dimension reference 9



	A inch	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	Dia. mm
K31	1/4	25	50	6.2	26	27	5.5	81	39	61	40
K33	3/8	25	50	6.2	26	27	5.5	81	39	61	40
K35	1/2	27.5	55	6.2	26	27	5.5	81	39	61	40
K36	3/4	40	80	9	33.5	32	8	96.5	46	68.5	56
K37	1	42.5	85	14.2	33.5	41	8	96.5	56	68.5	56

Dimension reference 72





Dimension reference 75

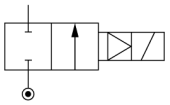
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

Brass body/Pipe mounting

Normally closed



1/2	14.5	60	60	3150	0.3 [2]	25	40	100	75	100	NBR	7321HBG4UN00	**E321H15** [1]	**2995**	**481865**	9	8	740	2	9
	14.5	60	60	3150	0.3 [2]	30	40	100	75	100	NBR			**4270**	**481000**	8	8	860	2	
3/4	18	100	100	9400	0.3	10	10	100	100	100	FKM	-	**321K3606**	**8993**	**481180**	5	4	590	1	72
	18	100	100	9400	0.3	7	10	75	75	75	FKM			**8993**	**488980**	2.5	2	590	1	
	18	100	100	9400	0.3	10	10	100	75	100	NBR	-	**321K36**	**8993**	**481180**	5	4	590	1	72
	18	100	100	9400	0.3	7	10	75	75	75	NBR			**8993**	**488980**	2.5	2	590	1	
	20	135	135	9500	0.3	16	16	100	100	100	FKM	7321GBG53V00	**E321G3606**	**2995**	**481865**	9	8	1430	2	11
	20	135	135	9500	0.3	16	16	120	100	120	FKM			**4270**	**481000**	8	8	1550	2	
	20	135	135	9500	0.3	16	16	100	75	100	NBR	7321GBG53N00	**E321G36** [3]	**2995**	**481865**	9	8	1430	2	11
	20	135	135	9500	0.3	16	16	100	75	100	NBR			**4270**	**481000**	8	8	1550	2	
1	18	110	110	10150	0.3	10	10	100	100	100	FKM	-	**321K3706**	**8993**	**481180**	5	4	735	1	72
	18	110	110	10150	0.3	7	10	75	75	75	FKM			**8993**	**488980**	2.5	2	735	1	
	18	110	110	10150	0.3	10	10	100	75	100	NBR	-	**321K37**	**8993**	**481180**	5	4	735	1	72
	18	110	110	10150	0.3	7	10	75	75	75	NBR			**8993**	**488980**	2.5	2	735	1	
	25	180	180	14000	0.3	16	16	100	100	100	FKM	7321GBG64V00	**E321G3706**	**2995**	**481865**	9	8	1230	2	11
	25	180	180	14000	0.3	16	16	120	100	120	FKM			**4270**	**481000**	8	8	1350	2	

Table continued on page 26

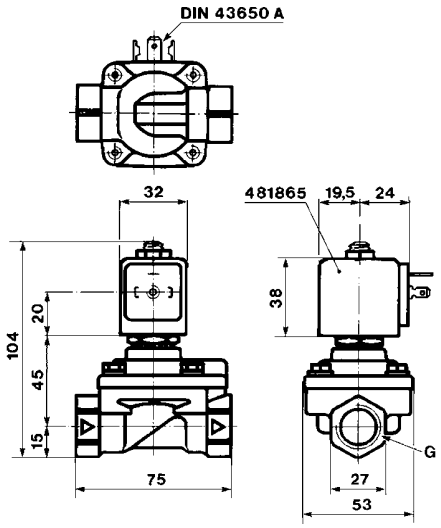
Notes:

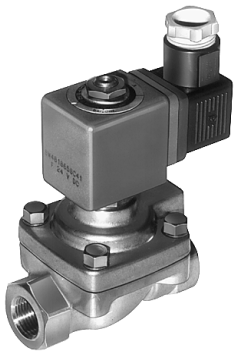
* See Electrical Parts Group table at end of section

1. Pilot seat discs from ruby (synthetic)
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
3. Manual override and 4 position selector for controlled closure rate: see "Anti-waterhammer valves" section

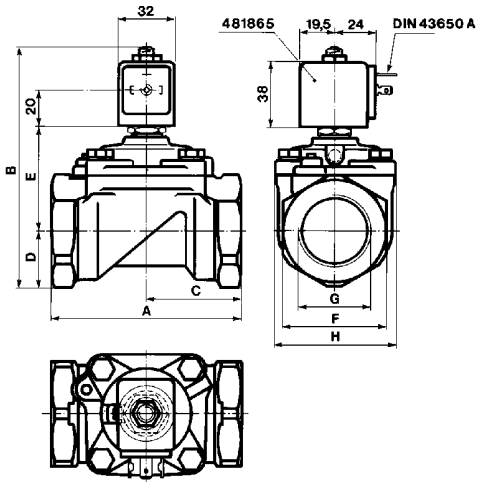
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated



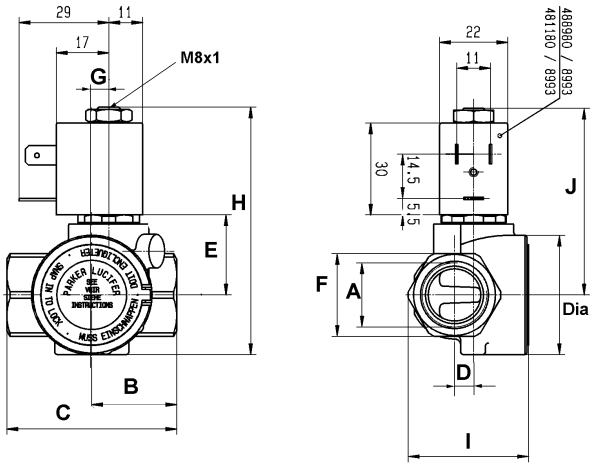


Dimension reference 9



	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

Dimension reference 11



	A inch	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	Dia. mm
K31	1/4	25	50	6.2	26	27	5.5	81	39	61	40
K33	3/8	25	50	6.2	26	27	5.5	81	39	61	40
K35	1/2	27.5	55	6.2	26	27	5.5	81	39	61	40
K36	3/4	40	80	9	33.5	32	8	96.5	46	68.5	56
K37	1	42.5	85	14.2	33.5	41	8	96.5	56	68.5	56

Dimension reference 72

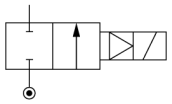
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

Brass body/Pipe mounting

Normally closed



1	25	185	185	14100	0.3	10	-	75	75	-	NBR	-	**321G3790** [1]	**-**	**483580.01** [2]	0.4	-	1205	7	76
	25	180	180	14000	0.3	16	16	75	75	75	NBR	7321GBG64N1D	**E321G37101D**	**-**	**483250**	8	8	2195	5	3849
	25	180	180	14000	0.3	16	16	100	75	100	NBR	7321GBG64N00	**E321G37** [3]	**2995**	**481865**	9	8	1230	2	11
	25	180	180	14000	0.3	16	16	100	75	100	NBR			**4270**	**481000**	8	8	1350	2	
1 1/4	28	280	280	18000	0.3	16	16	100	100	100	FKM	7321GBG76V00	**E321G3806**	**2995**	**481865**	9	8	1860	2	11
	28	280	280	18000	0.3	16	16	120	100	120	FKM			**4270**	**481000**	8	8	1980	2	
	28	280	280	18000	0.3	16	16	100	75	100	NBR	7321GBG76N00	**E321G38** [3]	**2995**	**481865**	9	8	1860	2	11
	28	280	280	18000	0.3	16	16	100	75	100	NBR			**4270**	**481000**	8	8	1980	2	
1 1/2	40	420	420	31500	0.3	7	16	100	100	100	FKM	7321GBG88V00	**E321G3906**	**2995**	**481865**	9	8	2560	2	11
	40	420	420	31500	0.3	8.5	16	120	100	120	FKM			**4270**	**481000**	8	8	2680	2	
	40	425	425	31000	0.5	10	-	75	75	-	NBR	-	**321G3990** [1]	**-**	**483580.01** [2]	0.4	-	2635	7	76

Table continued on page 28

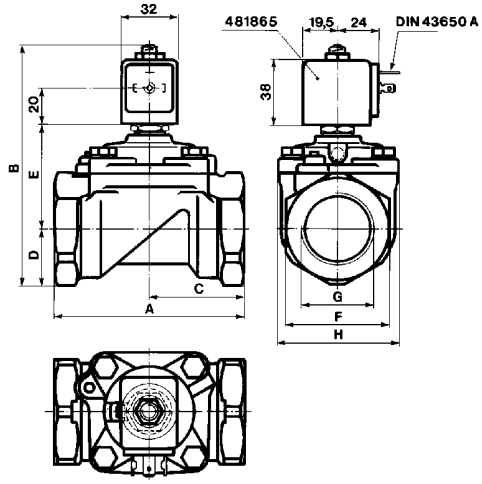
Notes:

* See Electrical Parts Group table at end of section

1. Other coil-housing available: 488650.01, 488660.01, 4888670.01 (refer to electrical parts at end of this section)
2. This reference no. is for the complete electrical part (coil + housing)
3. Manual override and 4 position selector for controlled closure rate: see "Anti-waterhammer valves" section

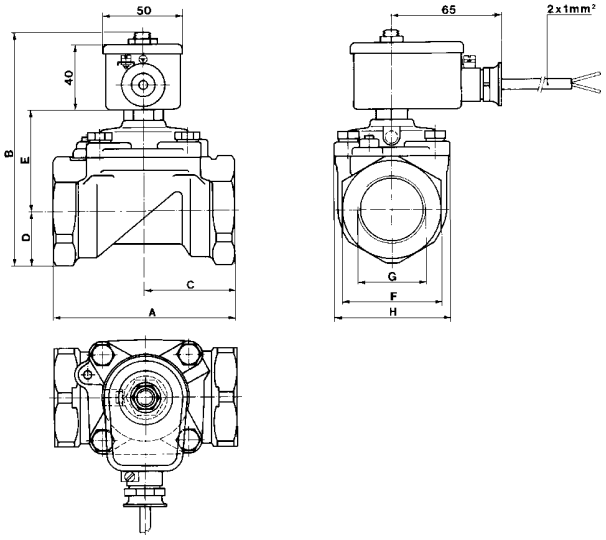
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated



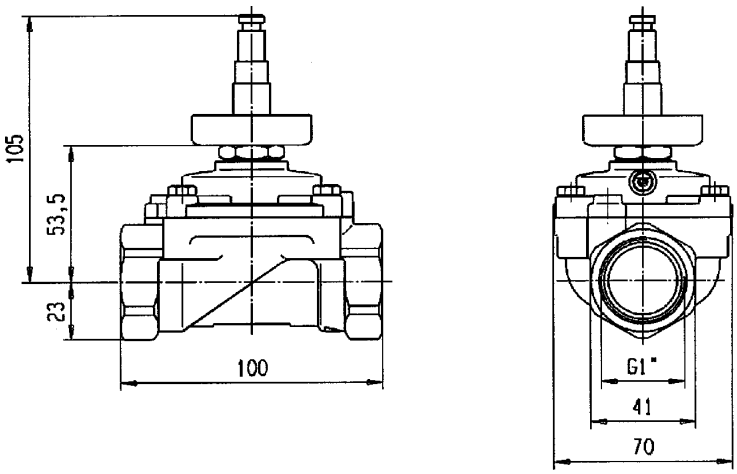
	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

Dimension reference 11



	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G3790	100	135	50	23	60	41	1	70
G3990	140	158	75	33	73	60	1 1/2	99
G4090	150	172.5	80	41.5	79	75	2	99

Dimension reference 76



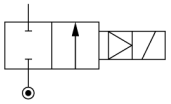
Dimension reference 3849

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

Normally closed



Brass body/Pipe mounting

1 1/2	40	420	420	31500	0.3	8.5	16	75	75	75	NBR	7321GBG88N3D	**E321G39101D**	**-**	**483250**	8	8	3525	5	3850
	40	420	420	31500	0.3	7	16	100	75	100	NBR	7321GBG88N00	**E321G39** [1]	**2995**	**481865**	9	8	2560	2	11
	40	420	420	31500	0.3	8.5	16	100	75	100	NBR			**4270**	**481000**	8	8	2680	2	
	40	420	420	31500	0.3	16	16	100	75	100	NBR			**4270**	**486265**	14	14	2700	2	
2	40	540	540	40000	0.3	7	16	100	100	100	FKM	7321GBG99V00	**E321G4006**	**2995**	**481865**	9	8	2920	2	11
	40	540	540	40000	0.3	7	16	120	100	120	FKM			**4270**	**481000**	8	8	3040	2	
	40	540	540	38100	0.5	10	-	75	75	-	NBR	-	**321G4090** [2]	**-**	**483580.01** [3]	0.4	-	2885	7	76

Table continued on page 30

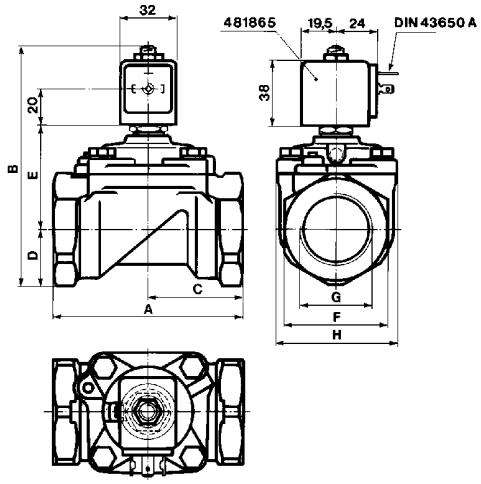
Notes:

* See Electrical Parts Group table at end of section

1. Manual override and 4 position selector for controlled closure rate: see "Anti-waterhammer valves" section
2. Other coil-housing available: 488650.01, 488660.01, 4888670.01 (refer to electrical parts at end of this section)
3. This reference no. is for the complete electrical part (coil + housing)

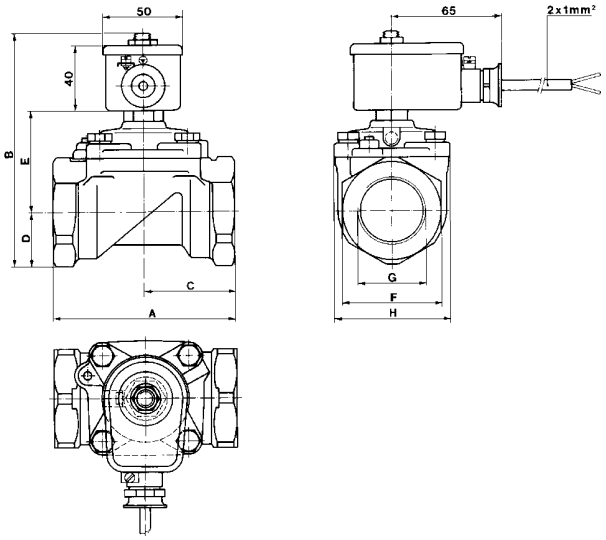
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated



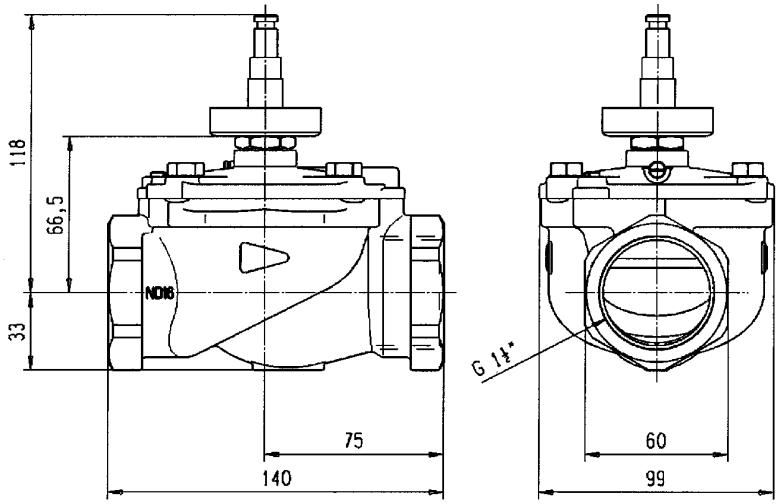
	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

Dimension reference 11



	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G3790	100	135	50	23	60	41	1	70
G3990	140	158	75	33	73	60	1 1/2	99
G4090	150	172.5	80	41.5	79	75	2	99

Dimension reference 76



Dimension reference 3850

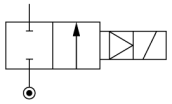
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

Brass body/Pipe mounting

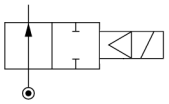
Normally closed



2	40	540	540	40000	0.3	8.5	16	75	75	75	NBR	7321GBG99N3D	**E321G40101D**	**-**	**483250**	8	8	3865	5	3851
	40	540	540	40000	0.3	7	16	100	75	100	NBR	7321GBG99N00	**E321G40** [1]	**2995**	**481865**	9	8	2900	2	11
	40	540	540	40000	0.3	8.5	16	100	75	100	NBR			**4270**	**481000**	8	8	3040	2	
	40	540	540	40000	0.3	16	16	100	75	100	NBR			**4270**	**486265**	14	14	3050	2	

Brass body/Pipe mounting

Normally open



1/4	8	36	36	-	0.3 [3]	40	40	-	100	100	FKM	7322HBG2SV00	**322H7106** [2]	**2995**	**481865**	9	8	820		9
	8	36	36	-	0.3 [3]	40	40	-	120	120	FKM			**4270**	**481000**	8	8	940		
	8	36	36	-	0.3 [3]	40	40	-	140	140	FKM			**4270**	**486265**	14	14	950		
	8	36	36	1600	0.3 [3]	25	40	100	75	100	NBR	7322HBG2SN00	**322H71** [2]	**2995**	**481865**	9	8	840		9
	8	36	36	1600	0.3 [3]	30	40	100	75	100	NBR			**4270**	**481000**	8	8	960		

Table continued on page 32

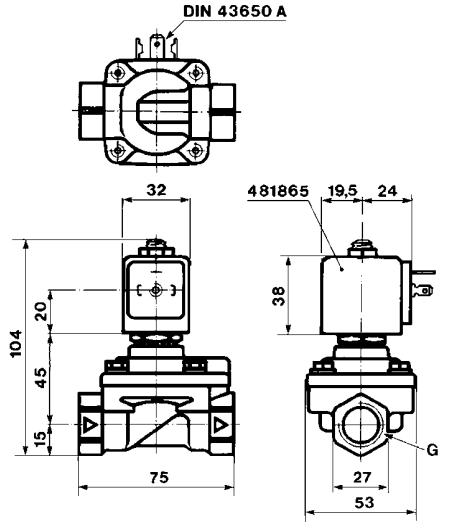
Notes:

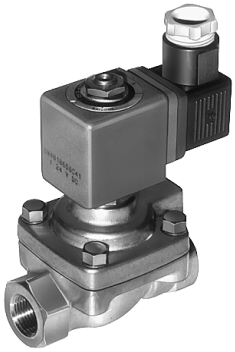
* See Electrical Parts Group table at end of section

1. Manual override and 4 position selector for controlled closure rate: see "Anti-waterhammer valves" section
2. Pilot seat discs from ruby (synthetic)
3. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

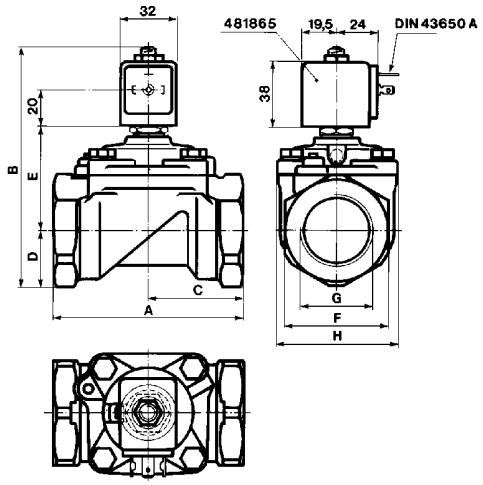
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated



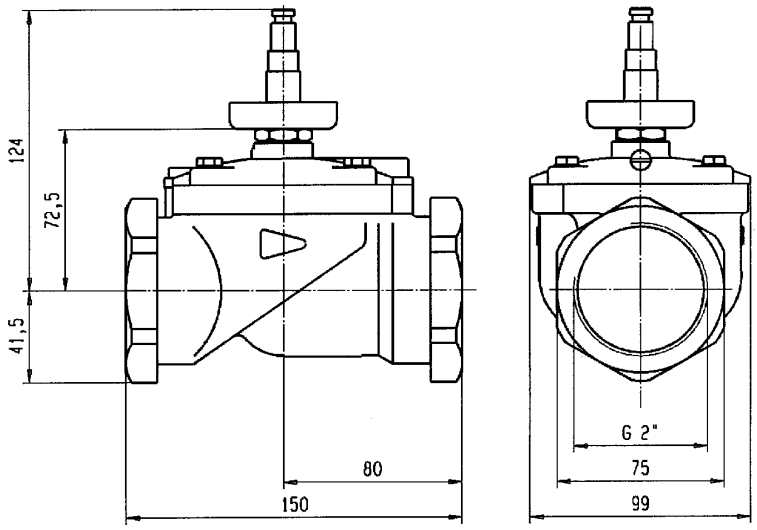


Dimension reference 9



	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

Dimension reference 11



Dimension reference 3851

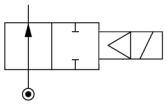
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

Brass body/Pipe mounting

Normally open



1/4	12	30	30	2150	0.3	12	12	100	100	100	FKM	7322KBG2SVW0	**322K4106**	**2995**	**481865**	9	8	490		73
	12	30	30	2150	0.3	12	12	120	100	120	FKM			**4270**	**481000**	8	8	610		
3/8	11	50	50	-	0.3 [2]	40	40	-	75	100	FKM	7322HBG3TV00	**322H7306** [1]	**2995**	**481865**	9	8	800		9
	11	50	50	-	0.3 [2]	40	40	-	75	100	FKM			**4270**	**481000**	8	8	920		
	11	50	50	-	0.3 [2]	40	40	-	140	140	FKM			**4270**	**486265**	14	14	930		
	11	50	50	3240	0.3 [2]	40	40	100	75	100	NBR	7322HBG3TN00	**322H73** [1]	**2995**	**481865**	9	8	800		9
	11	50	50	3240	0.3 [2]	40	40	100	75	100	NBR			**4270**	**481000**	8	8	920		
	12	45	45	3050	0.3	12	12	100	100	100	FKM	7322KBG3TVW0	**322K4306**	**2995**	**481865**	9	8	490		73
	12	45	45	3050	0.3	12	12	120	100	120	FKM			**4270**	**481000**	8	8	610		
1/2	12	50	50	3400	0.3	12	12	100	100	100	FKM	7322KBG4TVW0	**322K4506**	**2995**	**481865**	9	8	490		73
	12	50	50	3400	0.3	12	12	120	100	120	FKM			**4270**	**481000**	8	8	610		
	14.5	60	60	-	0.3 [2]	40	40	-	100	100	FKM	7322HBG4UV00	**322H7506** [1]	**2995**	**481865**	9	8	760		9
	14.5	60	60	-	0.3 [2]	40	40	-	100	120	FKM			**4270**	**481000**	8	8	880		
	14.5	60	60	-	0.3 [2]	40	40	-	100	140	FKM			**4270**	**486265**	14	14	890		
	14.5	60	60	3890	0.3 [2]	40	40	100	75	100	NBR	7322HBG4UN00	**322H75** [1]	**2995**	**481865**	9	8	760		9
	14.5	60	60	3890	0.3 [2]	40	40	100	75	100	NBR			**4270**	**481000**	8	8	880		
3/4	18	100	100	9400	0.3	12	12	100	100	100	FKM	7322KBG51VW0	**322K4606**	**2995**	**481865**	9	8	700		73
	18	100	100	9400	0.3	12	12	120	100	120	FKM			**4270**	**481000**	8	8	820		
	20	135	135	9500	0.3	16	16	100	100	100	FKM	7322GBG53V00	**322G3606**	**2995**	**481865**	9	8	1430		11
	20	135	135	9500	0.3	16	16	120	100	120	FKM			**4270**	**481000**	8	8	1550		
	20	135	135	9500	0.3	16	16	100	75	100	NBR	7322GBG53N00	**322G36**	**2995**	**481865**	9	8	1430		11
	20	135	135	9500	0.3	16	16	100	75	100	NBR			**4270**	**481000**	8	8	1550		
1	18	110	110	10150	0.3	12	12	100	100	100	FKM	7322KBG62VW0	**322K4706**	**2995**	**481865**	9	8	845		73
	18	110	110	10150	0.3	12	12	120	100	120	FKM			**4270**	**481000**	8	8	965		
	25	180	180	14000	0.3	16	16	100	100	100	FKM	7322GBG64V00	**322G3706**	**2995**	**481865**	9	8	1230		11
	25	180	180	14000	0.3	16	16	120	100	120	FKM			**4270**	**481000**	8	8	1350		
	25	180	180	14000	0.3	16	16	100	75	100	NBR	7322GBG64N00	**322G37**	**2995**	**481865**	9	8	1230		11
	25	180	180	14000	0.3	16	16	100	75	100	NBR			**4270**	**481000**	8	8	1350		
1 1/4	28	270	270	18000	0.3	16	16	100	100	100	FKM	7322GBG76V00	**322G3806**	**2995**	**481865**	9	8	1860		11
	28	270	270	18000	0.3	16	16	120	100	120	FKM			**4270**	**481000**	8	8	1980		
	28	270	270	18000	0.3	16	16	100	75	100	NBR	7322GBG76N00	**322G38**	**2995**	**481865**	9	8	1860		11
	28	270	270	18000	0.3	16	16	100	75	100	NBR			**4270**	**481000**	8	8	1980		
1 1/2	40	420	420	31500	0.3	12	12	100	100	100	FKM	7322GBG88V00	**322G3906**	**2995**	**481865**	9	8	2560		11
	40	420	420	31500	0.3	12	12	120	100	120	FKM			**4270**	**481000**	8	8	2680		
	40	420	420	31500	0.3	12	12	100	75	100	NBR	7322GBG88N00	**322G39**	**2995**	**481865**	9	8	2560		11
	40	420	420	31500	0.3	12	12	100	75	100	NBR			**4270**	**481000**	8	8	2680		
2	40	540	540	40000	0.3	12	12	100	100	100	FKM	7322GBG99V00	**322G4006**	**2995**	**481865**	9	8	2900		11
	40	540	540	40000	0.3	12	12	120	100	120	FKM			**4270**	**481000**	8	8	3040		
	40	540	540	40000	0.3	12	12	100	75	100	NBR	7322GBG99N00	**322G40**	**2995**	**481865**	9	8	2900		11
	40	540	540	40000	0.3	12	12	100	75	100	NBR			**4270**	**481000**	8	8	3040		

Table continued on page 34

Notes:

* See Electrical Parts Group table at end of section

1. Pilot seat discs from ruby (synthetic)
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Parker Lucifer SA
Fluid Control Division Europe
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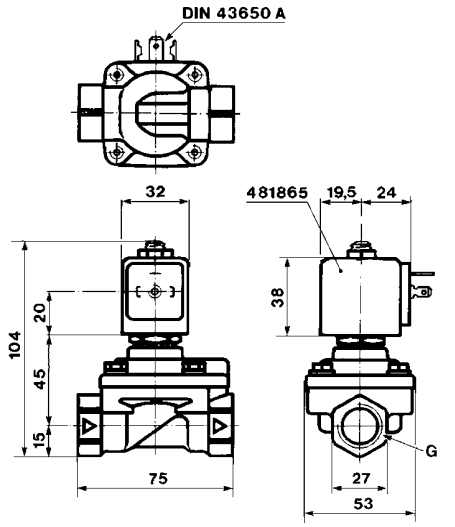
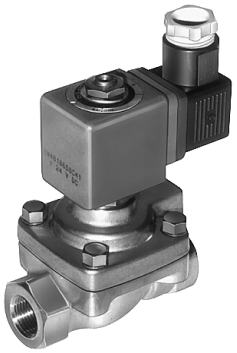
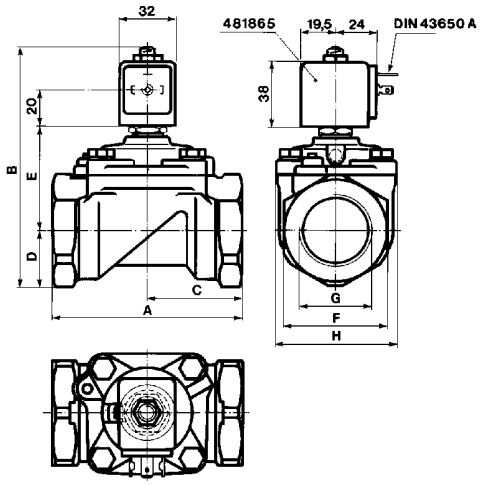
General application valves 2/2 - Pilot operated



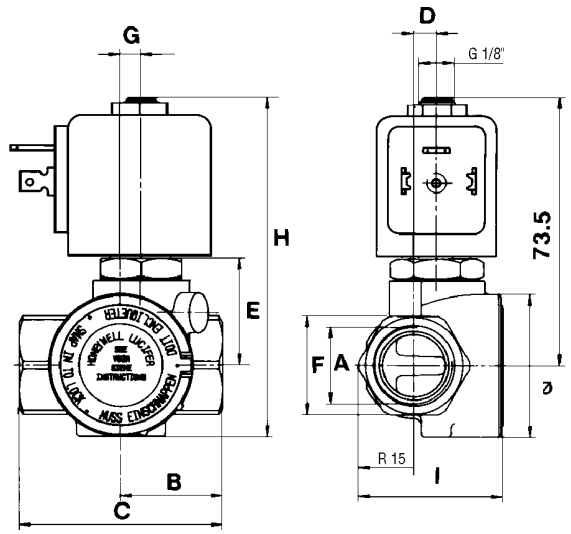


Dimension reference 9



	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

Dimension reference 11



	A inch	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	Dia. mm
K41	1/4	25	50	6.2	29	27	5.5	93.5	39	73.5	40
K43	3/8	25	50	6.2	29	27	5.5	93.5	39	73.5	40
K45	1/2	27.5	55	6.2	29	27	5.5	93.5	39	73.5	40
K46	3/4	40	80	9	36.5	32	8	109	46	81	56
K47	1	42.5	85	14.2	36.5	41	8	109	56	81	56

Dimension reference 73

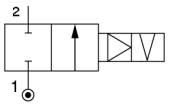
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

Brass body/Pipe mounting

Magnetic latch control

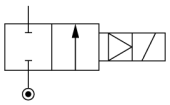


325 K41

1/4	12	30	30	2150	0.3	-	12	100	100	100	FKM	7325KBG2SVW0	**325K4106**	**4269**	**484990**	-	11	630	4	73
	12	30	30	2150	0.3	12	-	100	100	100	FKM			**4269**	**485400**	13	-	630	4	
3/8	12	45	45	3050	0.3	-	12	100	100	100	FKM	7325KBG3TVW0	**325K4306**	**4269**	**484990**	-	11	630	4	73
	12	45	45	3050	0.3	12	-	100	100	100	FKM			**4269**	**485400**	13	-	630	4	
1/2	12	50	50	3400	0.3	-	12	100	100	100	FKM	7325KBG4TVW0	**325K4506**	**4269**	**484990**	-	11	630	4	73
	12	50	50	3400	0.3	12	-	100	100	100	FKM			**4269**	**485400**	13	-	630	4	
3/4	18	100	100	9400	0.3	-	12	100	100	100	FKM	7325KBG51VW0	**325K4606**	**4269**	**484990**	-	11	840	4	73
	18	100	100	9400	0.3	12	-	100	100	100	FKM			**4269**	**485400**	13	-	840	4	
1	18	110	110	10150	0.3	-	12	100	100	100	FKM	7325KBG62VW0	**325K4706**	**4269**	**484990**	-	11	985	4	73
	18	110	110	10150	0.3	12	-	100	100	100	FKM			**4269**	**485400**	13	-	985	4	

Brass body/Sub-base mounting

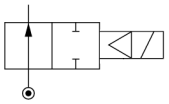
Normally closed



SB	14	45	45	-	0.3 [2]	25	40	-	100	100	FKM	7321FBF3TV00	**E321F3202** [1]	**2995**	**481865**	9	8	650	2	13
	14	45	45	-	0.3 [2]	30	40	-	100	120	FKM			**4270**	**481000**	8	8	770	2	
	14	45	45	-	0.3 [2]	40	40	-	100	120	FKM			**4270**	**486265**	14	14	780	2	
	14	45	45	2100	0.3	25	40	100	75	100	NBR	7321FBF3TN00	**E321F32** [1]	**2995**	**481865**	9	8	650	2	13
	14	45	45	2100	0.3	30	40	100	75	100	NBR			**4270**	**481000**	8	8	770	2	
	14	45	45	2100	0.3	40	40	100	75	100	NBR			**4270**	**486265**	14	14	780	2	

Brass body/Sub-base mounting

Normally open



SB	14	45	45	-	0.3 [2]	40	40	-	100	100	FKM	7322FBF3TV00	**322F7206** [1]	**2995**	**481865**	9	8	650		13
	14	45	45	-	0.3 [2]	40	40	-	100	120	FKM			**4270**	**481000**	8	8	770		
	14	45	45	-	0.3 [2]	40	40	-	-	140	FKM			**4270**	**486265**	14	14	780		
	14	45	45	2100	0.3 [2]	40	40	75	75	75	NBR	7322FBF3TN00	**322F72** [1]	**2995**	**481865**	9	8	650		13
	14	45	45	2100	0.3 [2]	40	40	75	75	75	NBR			**4270**	**481000**	8	8	770		

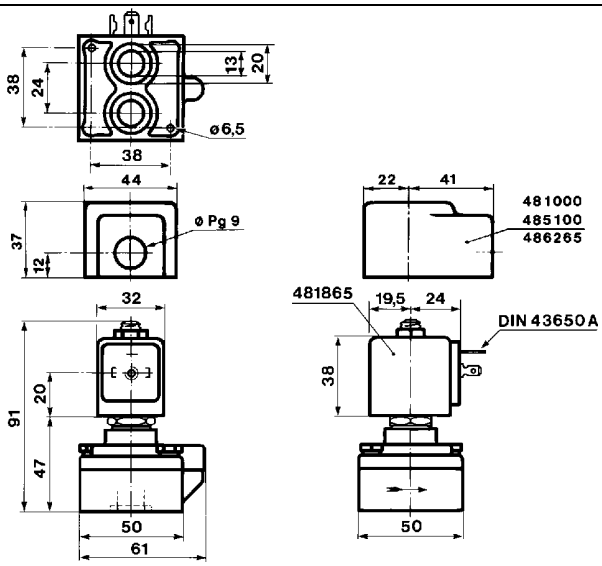
Notes:

* See Electrical Parts Group table at end of section

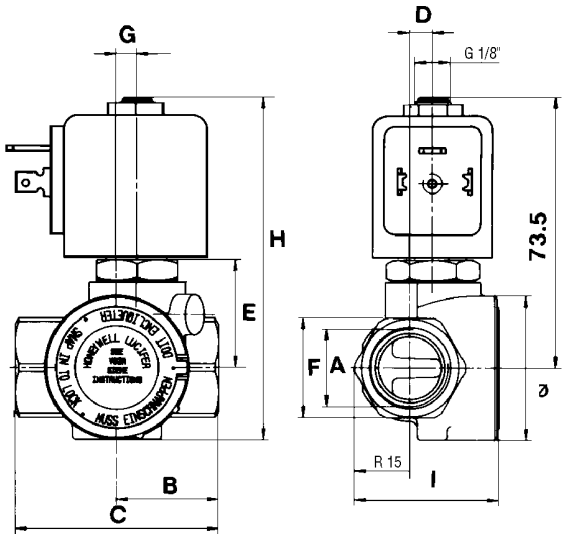
1. Pilot seat discs from ruby (synthetic)
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

General application valves 2/2 - Pilot operated



Dimension reference 13



	A inch	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	Dia. mm
K41	1/4	25	50	6.2	29	27	5.5	93.5	39	73.5	40
K43	3/8	25	50	6.2	29	27	5.5	93.5	39	73.5	40
K45	1/2	27.5	55	6.2	29	27	5.5	93.5	39	73.5	40
K46	3/4	40	80	9	36.5	32	8	109	46	81	56
K47	1	42.5	85	14.2	36.5	41	8	109	56	81	56

Dimension reference 73

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Electrical parts options with 2/2 general application valves for dry or lubricated air, neutral gases and liquids

El.part Group	Coil	Protection class	Protection class / Temperature class	Power DC	Power AC	Coil Order No.	Coil Ref. No.	Connection	Housing Order No.	Housing Ref. No.	Ambient temp. min.	Ambient temp. max.
1	**22 mm**	IP 65	**Class F**	2.5 W	2 W	DA01	**488980**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	2.5 W	2 W	DA02	**481045**	with DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA03	**481180**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA04	**481530**	with DIN plug	A0	**8993**	-40	50
		IP 65	**EEx m II T4**	5 W	4 W	VA01	**482605**	with 1500mm cable	00	**-**	-40	50
		IP 65	**EEx m II T5**	2.5 W	2 W	VA02	**482606**	with 1500mm cable	00	**-**	-40	50
2	**32 mm**	IP 65	**Class F**	9 W	8 W	DZ02	**481865**	for DIN plug	N1	**2995**	-40	50
	(Std)	IP 65		9 W	8 W	DZ03	**482725**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class H**	9 W	8 W	DZ04	**492453**	for DIN plug	N1	**2995**	-40	50
		IP 65		9 W	8 W	DZ05	**492726**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class F, 50/60 Hz**	-	9 W	DZ06	**483510**	for DIN plug	N1	**2995**	-40	50
		IP 65		-	9 W	DZ07	**482635**	with DIN plug	N1	**2995**	-40	50
		IP 65	**EEx m II T4**	9 W	8 W	HZ05	**492670**	with 3000mm cable	00	**-**	-40	40
		IP 65	**Class H**	14 W	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
		IP 65		14 W	14 W	DZ09	**492727**	with DIN plug	N1	**2995**	-40	50
	50 mm	IP10 / IP 44	**Class F**	8 W	8 W	EZ01	**481000**	screw-terminals	E0	**4270**	-40	50
	(Std)	IP10 / IP 44	**Class H**	8 W	8 W	EZ02	**485100**	screw-terminals	E0	**4270**	-40	50
		IP10 / IP 44	**Class H**	14 W	14 W	EZ92	**486265**	screw-terminals	E0	**4270**	-40	50
		IP 67	**Class F, M20x1.5**	8 W	8 W	EZ01	**481000**	screw-terminals	G1	**4538**	-40	50
		IP 65	**EEx m II T5/T4**	9 W	8 W	VZ01	**492070**	with 1500mm cable	00	**-**	-40	40/65
		IP 67	**EEx me II T4**	8 W	8 W	HZ06	**483371**	for cable connection	00	**-**	-40	65
		IP 66	**EEx me II T3/T4**	11 W	9 W	VZ03	**492190**	for cable connection	00	**-**	-40	75/40
3	**32 mm**	IP 65	**Class H**	-	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
4	**50 mm (impulse)**	IP10 / IP 44	**Class F**	-	11 W	MZ01	**484990**	screw-terminals	E1	**4269**	-40	50
		IP10 / IP 44	**Class F**	13 W	-	MZ02	**485400**	screw-terminals	E1	**4269**	-40	50
5	**50 mm**	IP 54	**EEx d IIC T4/T5/T6**	8 W	8 W	HZ08	**483250**	for cable 1/2 NPT	00	**-**	-40	80/75/60
6	**32 mm**	IP 65	**Class F**	1.6 W	-	DZ10	**482740**	for DIN plug	N1	**2995**	-40	50
	(Miniwatt)	IP 65	**Class F**	1.6W	-	DZ11	**482745**	with DIN plug	N1	**2995**	-40	50
	50 mm	IP 67	**EEx me II T5**	2.5 W	-	VZ04	**491117**	for cable connection	00	**-**	-40	65
	(Miniwatt)	IP 67	**EEx m II T5/T4**	2.5 W	2.5 W	VZ05	**492370**	with 1500mm cable	00	**-**	-40	40/65
		IP 66	**EEx me II T6/T5**	2.5 W	2.5 W	VZ06	**492390**	for cable connection	00	**-**	-40	40/75
7	**32 mm**	IP 65	**EEx ia II C T6**	0.4 W	-	DZ12	**483580.01**	for DIN plug	N1	**2995**	-40	55
		IP 65		0.4 W	-	DZ13	**483960.01**	with DIN plug	N1	**2995**	-40	55
	50 mm	IP 66	**EEx ia II C T6**	0.4 W	-	VZ07	**488650.01**	for cable connection	00	**-**	-40	65
		IP 67		0.4 W	-	VZ08	**488660.01**	with 2000mm cable	00	**-**	-40	65
		IP 65		0.4 W	-	VZ09	**488670.01**	with DIN plug	00	**-**	-40	65

Note: This table is indicative only. Please contact your distributor to confirm your selection.

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Miniature valves (2-way direct operated) 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	**Brass body**	**Normally closed**	1/8	.8 to 4	56.0	38
		Normally open	1/8	.8 to 2.4	21.0	40
	303 Stainless steel body	**Normally closed**	1/8	.8 to 4	56.0	40
		Normally open	1/8	.8 to 2.4	21.0	42
	Aluminium alloy body	**Normally closed**	SB	1.2 to 1.6	35.0	42
		Normally open	SB	1.2 to 2.4	14.0	42

Notes:
Direct operated valves: pressure range from 0 to max pressure.

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Miniature valves (2-way direct operated)

2/2

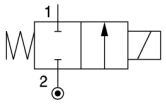
Applications

The Miniature Series is a small size and low power consumption valve line. It is available in 2-way (normally closed and normally open) and 3-way (normally closed and normally open) versions. These valves are equipped with integrated molded coils with tab or lead termination.

Direct operated

Brass body/Pipe mounting

Normally closed

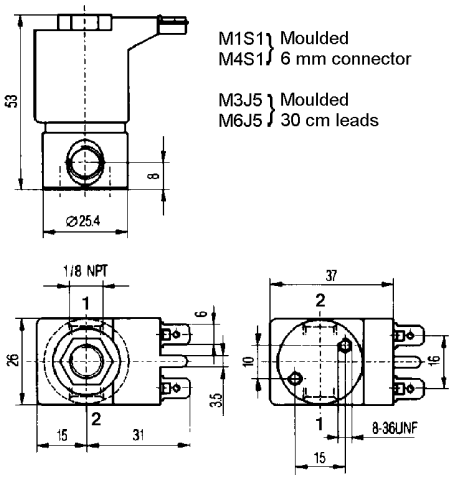


Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference	Housing	Coil	DC	AC		
G		kv	Qmax	Qn		DC	AC												
1/8	0.8	0.43	-	-	0	56	56	50	50	50	FKM	3121BBN1AV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	0.8	0.43	-	-	0	56	56	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	0.8	0.43	-	-	0	54	54	50	50	50	FKM	3921BBN1AV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	0.8	0.43	-	-	0	54	54	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	1.2	0.72	-	-	0	35	35	50	50	50	FKM	3121BBN1EV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	1.2	0.72	-	-	0	35	35	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	1.2	0.72	-	-	0	21	21	50	50	50	FKM	3921BBN1EV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	1.2	0.72	-	-	0	21	21	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	1.6	1.29	-	-	0	21	21	50	50	50	FKM	3121BBN1GV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	1.6	1.29	-	-	0	21	21	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	1.6	1.29	-	-	0	6.6	6.6	50	50	50	FKM	3921BBN1GV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	1.6	1.29	-	-	0	6.6	6.6	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	2	1.86	-	-	0	14	14	50	50	50	FKM	3121BBN1JV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	2	1.86	-	-	0	14	14	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	2	1.86	-	-	0	4.5	4.5	50	50	50	FKM	3921BBN1JV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	2	1.86	-	-	0	4.5	4.5	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	2.4	2.57	-	-	0	12.25	12.25	50	50	50	FKM	3121BBN1LV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	2.4	2.57	-	-	0	12.25	12.25	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	2.4	2.57	-	-	0	2.8	2.8	50	50	50	FKM	3921BBN1LV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	2.4	2.57	-	-	0	2.8	2.8	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	3.2	3.43	-	-	0	7	7	50	50	50	FKM	3121BBN1NV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	3.2	3.43	-	-	0	7	7	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	3.2	3.43	-	-	0	0.28	0.28	50	50	50	FKM	3921BBN1NV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	3.2	3.43	-	-	0	0.28	0.28	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	4	4.3	-	-	0	3.5	3.5	50	50	50	FKM	3121BBN1QV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	4	4.3	-	-	0	3.5	3.5	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	

Table continued on page 40

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Miniature valves 2/2 - Direct operated



Dimension reference 100

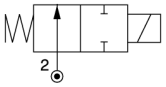
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Miniature valves 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference	Housing	Coil	DC	AC		
G		kv	Qmax	Qn		DC	AC												

Brass body/Pipe mounting

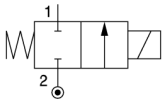
Normally open



1/8	0.8	0.43	-	-	0	21	21	50	50	50	FKM	3129BBN1AV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	0.8	0.43	-	-	0	21	21	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	1.2	0.72	-	-	0	14	14	50	50	50	FKM	3129BBN1EV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	1.2	0.72	-	-	0	14	14	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	1.6	1.29	-	-	0	10.5	10.5	50	50	50	FKM	3129BBN1GV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	1.6	1.29	-	-	0	10.5	10.5	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	2	1.86	-	-	0	5.6	5.6	50	50	50	FKM	3129BBN1JV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	2	1.86	-	-	0	5.6	5.6	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	2.4	2.57	-	-	0	2.8	2.8	50	50	50	FKM	3129BBN1LV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	2.4	2.57	-	-	0	2.8	2.8	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	

303 Stainless steel body/Pipe mounting

Normally closed

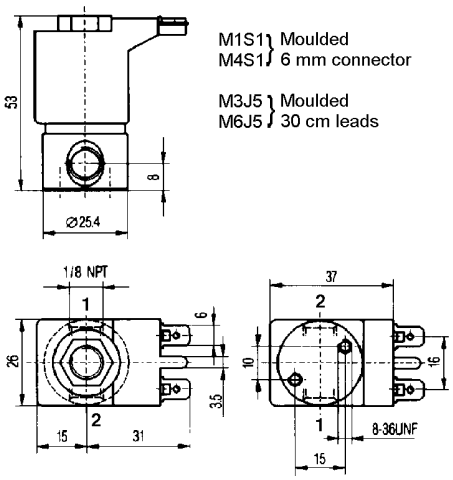


1/8	0.8	0.43	-	-	0	56	56	50	50	50	FKM	3121BSN1AV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	0.8	0.43	-	-	0	56	56	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	0.8	0.43	-	-	0	54	54	50	50	50	FKM	3921BSN1AV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	0.8	0.43	-	-	0	54	54	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	1.2	0.72	-	-	0	35	35	50	50	50	FKM	3121BSN1EV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	1.2	0.72	-	-	0	35	35	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	1.2	0.72	-	-	0	21	21	50	50	50	FKM	3921BSN1EV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	1.2	0.72	-	-	0	21	21	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	1.6	1.29	-	-	0	21	21	50	50	50	FKM	3121BSN1GV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	1.6	1.29	-	-	0	21	21	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	1.6	1.29	-	-	0	6.6	6.6	50	50	50	FKM	3921BSN1GV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	1.6	1.29	-	-	0	6.6	6.6	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	2	1.86	-	-	0	14	14	50	50	50	FKM	3121BSN1JV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	2	1.86	-	-	0	14	14	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	2	1.86	-	-	0	4.5	4.5	50	50	50	FKM	3921BSN1JV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	2	1.86	-	-	0	4.5	4.5	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	2.4	2.57	-	-	0	12.25	12.25	50	50	50	FKM	3121BSN1LV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	2.4	2.57	-	-	0	12.25	12.25	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	2.4	2.57	-	-	0	2.8	2.8	50	50	50	FKM	3921BSN1LV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	2.4	2.57	-	-	0	2.8	2.8	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	3.2	3.43	-	-	0	7	7	50	50	50	FKM	3121BSN1NV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	3.2	3.43	-	-	0	7	7	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	
	3.2	3.43	-	-	0	0.28	0.28	50	50	50	FKM	3921BSN1NV00	-	**NO**	**M4S1**	2.5	2.5	-	100
	3.2	3.43	-	-	0	0.28	0.28	50	50	50	FKM			**NO**	**M6J5**	2.5	2.5	-	
	4	4.3	-	-	0	3.5	3.5	50	50	50	FKM	3121BSN1QV00	-	**NO**	**M1S1**	4.5	4.5	-	100
	4	4.3	-	-	0	3.5	3.5	50	50	50	FKM			**NO**	**M3J5**	4.5	4.5	-	

Table continued on page 42

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Miniature valves 2/2 - Direct operated



Dimension reference 100

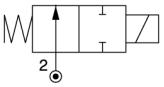
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Miniature valves 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference	Housing	Coil	DC	AC		
G		kv	Qmax	Qn		DC	AC												

303 Stainless steel body/Pipe mounting

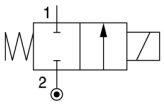
Normally open



1/8	0.8	0.43	-	-	0	21	21	50	50	50	FKM	3129BSN1AV00	-	**N0**	**M1S1**	4.5	4.5	-	100
	0.8	0.43	-	-	0	21	21	50	50	50	FKM			**N0**	**M3J5**	4.5	4.5	-	
	1.2	0.72	-	-	0	14	14	50	50	50	FKM	3129BSN1EV00	-	**N0**	**M1S1**	4.5	4.5	-	100
	1.2	0.72	-	-	0	14	14	50	50	50	FKM			**N0**	**M3J5**	4.5	4.5	-	
	1.6	1.29	-	-	0	10.5	10.5	50	50	50	FKM	3129BSN1GV00	-	**N0**	**M1S1**	4.5	4.5	-	100
	1.6	1.29	-	-	0	10.5	10.5	50	50	50	FKM			**N0**	**M3J5**	4.5	4.5	-	
	2	1.86	-	-	0	5.6	5.6	50	50	50	FKM	3129BSN1JV00	-	**N0**	**M1S1**	4.5	4.5	-	100
	2	1.86	-	-	0	5.6	5.6	50	50	50	FKM			**N0**	**M3J5**	4.5	4.5	-	
	2.4	2.57	-	-	0	2.8	2.8	50	50	50	FKM	3129BSN1LV00	-	**N0**	**M1S1**	4.5	4.5	-	100
	2.4	2.57	-	-	0	2.8	2.8	50	50	50	FKM			**N0**	**M3J5**	4.5	4.5	-	

Aluminium alloy body/Sub-base mounting

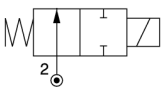
Normally closed



SB	1.2	0.72	-	-	0	35	35	50	50	50	FKM	3121BJA7EVC#	- [1]	**N0**	**M1S1**	4.5	4.5	-	101
	1.2	0.72	-	-	0	35	35	50	50	50	FKM		[1]	**N0**	**M3J5**	4.5	4.5	-	
	1.2	0.72	-	-	0	21	21	50	50	50	FKM	3921BJA7EVC#	- [1]	**N0**	**M4S1**	2.5	2.5	-	101
	1.2	0.72	-	-	0	21	21	50	50	50	FKM		[1]	**N0**	**M6J5**	2.5	2.5	-	
	1.6	1.29	-	-	0	21	21	50	50	50	FKM	3121BJA7GVC#	- [1]	**N0**	**M1S1**	4.5	4.5	-	101
	1.6	1.29	-	-	0	21	21	50	50	50	FKM		[1]	**N0**	**M3J5**	4.5	4.5	-	
	1.6	1.29	-	-	0	6.6	6.6	50	50	50	FKM	3921BJA7GVC#	- [1]	**N0**	**M4S1**	2.5	2.5	-	101
	1.6	1.29	-	-	0	6.6	6.6	50	50	50	FKM		[1]	**N0**	**M6J5**	2.5	2.5	-	

Aluminium alloy body/Sub-base mounting

Normally open



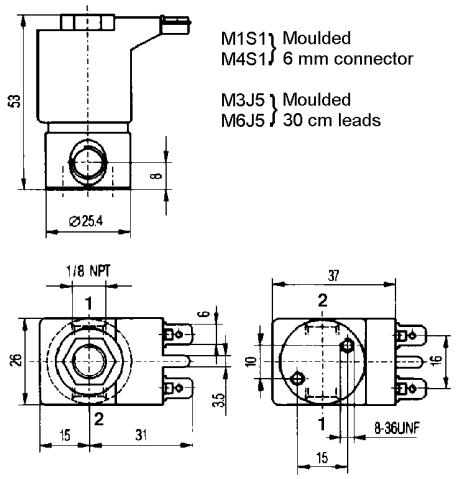
SB	1.2	0.72	-	-	0	14	14	50	50	50	FKM	3129BJA7EVC#	- [1]	**N0**	**M1S1**	4.5	4.5	-	101
	1.2	0.72	-	-	0	14	14	50	50	50	FKM		[1]	**N0**	**M3J5**	4.5	4.5	-	
	1.6	1.29	-	-	0	10.5	10.5	50	50	50	FKM	3129BJA7GVC#	- [1]	**N0**	**M1S1**	4.5	4.5	-	101
	1.6	1.29	-	-	0	10.5	10.5	50	50	50	FKM		[1]	**N0**	**M3J5**	4.5	4.5	-	
	2.4	1.29	-	-	0	2.8	2.8	50	50	50	FKM	3129BJA7LVC#	- [1]	**N0**	**M1S1**	4.5	4.5	-	101
	2.4	1.29	-	-	0	2.8	2.8	50	50	50	FKM		[1]	**N0**	**M3J5**	4.5	4.5	-	

Notes:

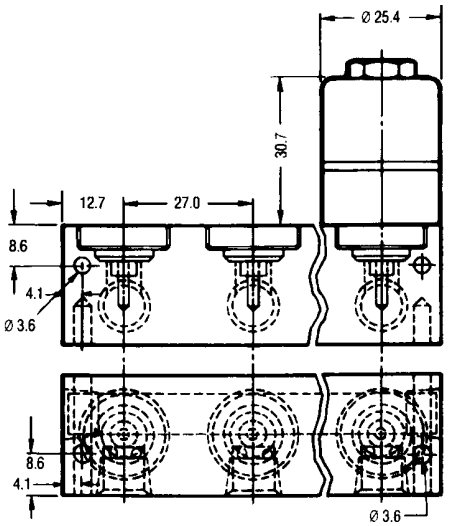
1. # Denotes the number of valves in the manifold, from 2 to 4

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

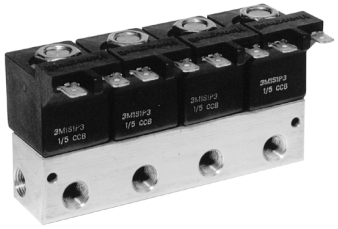
Miniature valves 2/2 - Direct operated



Dimension reference 100



M1S1 } Moulded
M4S1 } 6 mm connector
M3J5 } Moulded
M6J5 } 30 cm leads



Dimension reference 101

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Valves for water and neutral liquids 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	Brass body	Normally closed	1/8	1.5 to 3	20.0	46
			1/4	1.5 to 5	20.0	46
			3/8	4 to 6	10.0	48
			1/2	8.5 to 11	4.0	48
			SB	1.5 to 3	20.0	50
		Normally open	1/4	1.5 to 2.5	20.0	48
		Magnetic latch control	1/4	5	5.0	50
Magnalift	Brass body	Normally closed	3/8	15	16.0	52
			1/2	15	16.0	52
			3/4	15	16.0	52
			1	15 to 25	16.0	52
		Normally open	3/8	15	8.5	54
			1/2	15	8.5	54
			3/4	19	8.5	54
	303 Stainless steel body	Normally closed	3/8	15	7.0	54
			1/2	15	7.0	54
			3/4	19	7.0	54
		Normally open	3/8	16	8.5	54
			1/2	16	8.5	54
Pilot operated	Brass body	Normally closed	1/4	12	10.0	56
			3/8	12 to 13	20.0	56
			1/2	12 to 13	20.0	56
			3/4	18 to 20	20.0	56
			1	18 to 25	20.0	56
			1 1/4	28 to 35	16.0	58
			1 1/2	40	16.0	58
			2	40 to 50	16.0	58
			2 1/2	65	10.0	58
			3	75	10.0	58
			SB	14	40.0	60
		Normally open	3/8	13	20.0	58
			1/2	13	20.0	58
			3/4	20	20.0	58
			1	25	20.0	60
			1 1/4	28 to 35	16.0	60
			1 1/2	40	12.0	60
			2	40 to 50	12.0	60
			SB	14	40.0	60

Notes:

Direct operated and magnalift valves: pressure range from 0 to max pressure.
Pilot operated valves: pressure range from 0.3 to 0.5 bar to max. pressure (refer to tables).

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for water and neutral liquids

2/2

Applications

Wide range of valves suited to most industrial applications using liquids compatible with the indicated sealing materials. Typical applications can be found in general water supply, dispensing, industrial washing, laundry, heating-ventilation etc.

Direct operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
				Min	Max				Global valve reference	Valve reference no.	Housing	Coil					
G		kv	Qmax		DC	AC							DC	AC			
Normally closed																	
Brass body/Pipe mounting																	
1/8	1.5	1.5	6	0	20	20	75	FKM	7121ZBG1GV00	-	**2995**	**481865**	9	8	270	2	7893
	1.5	1.5	6	0	20	20	75	FKM			**4270**	**481000**	8	8	390	2	
	1.5	1.5	6	0	20	20	75	FKM			**2995**	**482730**	7	6	270	2	
	1.5	0.9	2.4	0	12	20	75	FKM	-	**121M14**	**8993**	**481180**	5	4	150	1	1
	1.5	0.9	2.4	0	4	20	75	FKM			**8993**	**488980**	2.5	2	150	1	
	2	2	8	0	7	10	75	FKM	-	**121M13**	**8993**	**481180**	5	4	150	1	1
	2	2	8	0	2.5	10	75	FKM			**8993**	**488980**	2.5	2	150	1	
	2.5	2.8	8.5	0	10	10	75	FKM	7121ZBG1LV00	-	**2995**	**481865**	9	8	270	2	7893
	2.5	2.8	8.5	0	10	10	75	FKM			**4270**	**481000**	8	8	390	2	
	2.5	2.8	8.5	0	5	10	75	FKM			**2995**	**482730**	7	6	270	2	
	3	4.5	9	0	7	10	100	FKM	7121KBG1NVM0	**121K1352** 1	**2995**	**481865**	9	8	300	2	3
	3	4.5	9	0	8	10	120	FKM			**4270**	**481000**	8	8	420	2	
	3	4.5	9	0	10	10	120	FKM			**4270**	**486265**	14	14	430		
1/4	1.5	1.5	6	0	20	20	100	FKM	7121KBG2GV00	**E121K0402**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	6	0	20	20	120	FKM			**4270**	**481000**	8	8	410	2	
	2.5	3.5	8.5	0	7	14	100	FKM	7121KBG2LV00	**121K0706**	**2995**	**481865**	9	8	290	2	3
	2.5	3.5	8.5	0	9	14	120	FKM			**4270**	**481000**	8	8	410	2	
	2.5	3.5	8.5	0	14	14	120	FKM			**4270**	**486265**	14	14	420		
	2.5	3.5	8.5	0	7	14	100	FKM	7121KBG2LVM0	**121K0756** 1	**2995**	**481865**	9	8	290	2	3
	2.5	3.5	8.5	0	9	14	120	FKM			**4270**	**481000**	8	8	410	2	
	2.5	3.5	8.5	0	14	14	120	FKM			**4270**	**486265**	14	14	420		
	3	4.5	9	0	7	10	100	FKM	7121KBG2NV00	**E121K0302**	**2995**	**481865**	9	8	290	2	3
	3	4.5	9	0	8.5	10	120	FKM			**4270**	**481000**	8	8	410	2	
	3	4.5	9	0	10	10	120	FKM			**4270**	**486265**	14	14	420		
	3	4.5	9	0	7	10	100	FKM	7121KBG2NVM0	**E121K0352** 1	**2995**	**481865**	9	8	290	2	3
	3	4.5	9	0	8.5	10	120	FKM			**4270**	**481000**	8	8	410	2	
	3	4.5	9	0	10	10	120	FKM			**4270**	**486265**	14	14	420		

Table continued on page 48

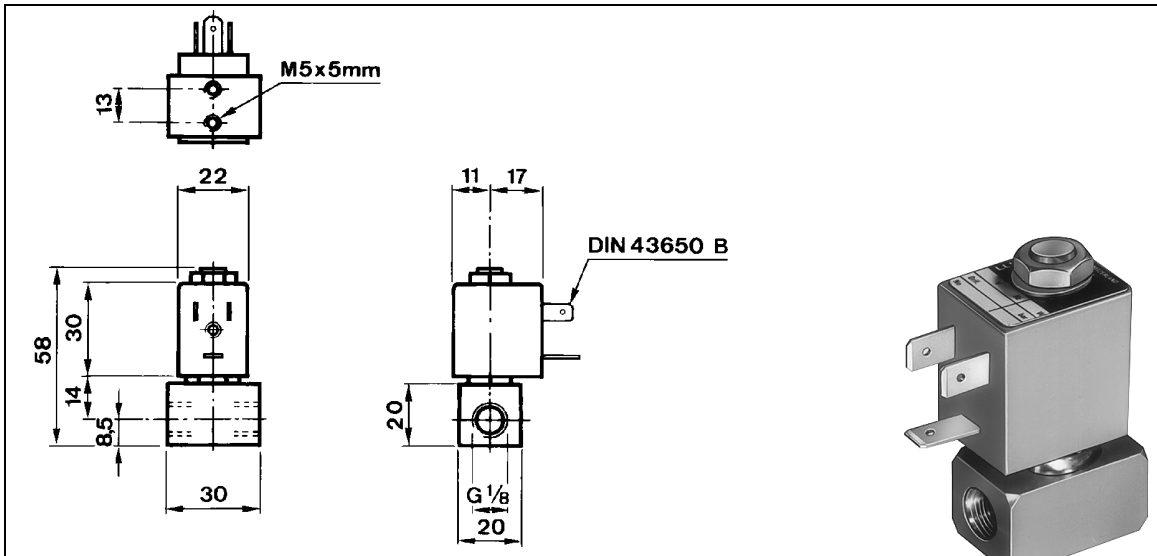
Notes:

* See Electrical Parts Group table at end of section

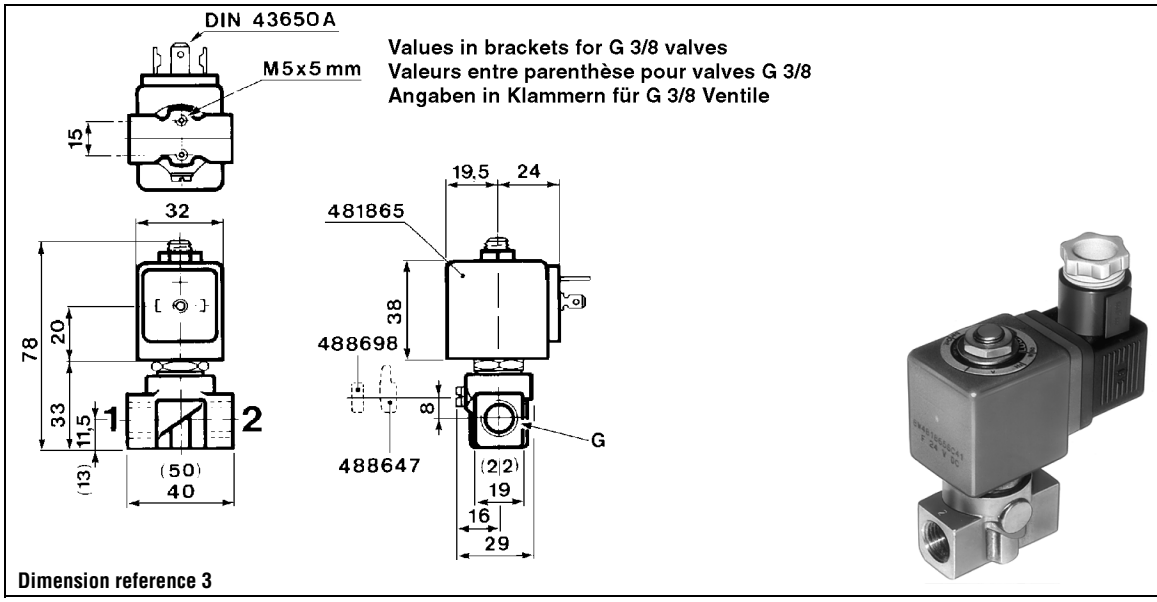
1. Manual override standard

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

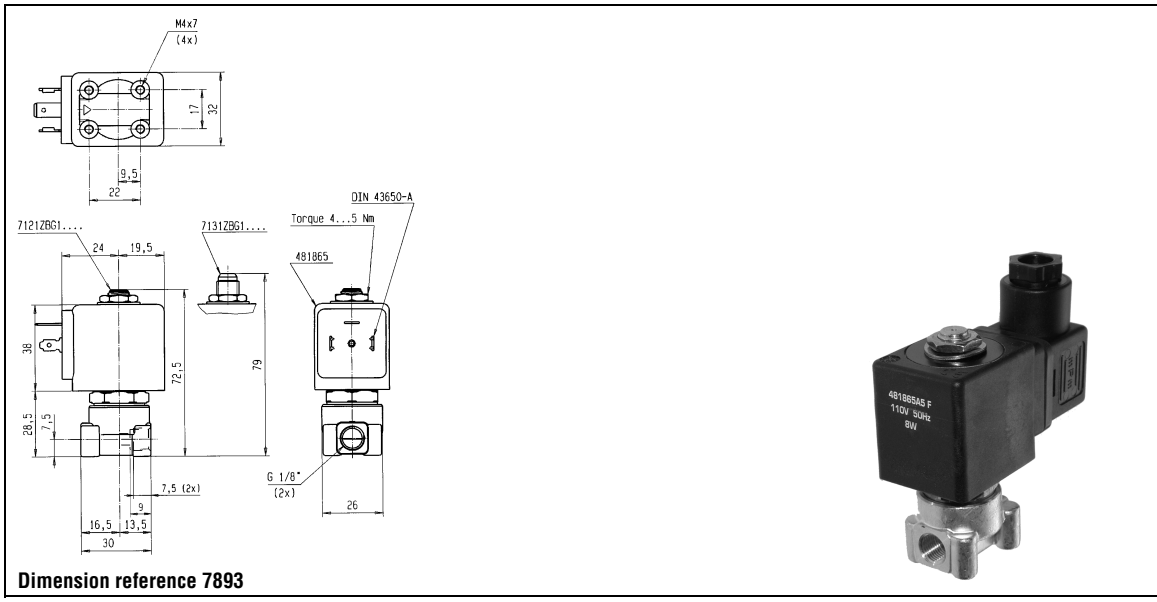
Valves for water and neutral liquids 2/2 - Direct operated



Dimension reference 1



Dimension reference 3



Dimension reference 7893

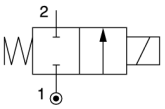
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for water and neutral liquids 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
				Min	Max				Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax		DC	AC											

Brass body/Pipe mounting

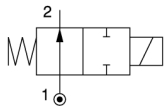
Normally closed



1/4	4	7.5	10.5	0	4	10	100	FKM	7121KBG2QVM0	**121K0250** [1]	**2995**	**481865**	9	8	290	2	3
	4	7.5	10.5	0	5	10	120	FKM			**4270**	**481000**	8	8	410	2	
	4	7.5	10.5	0	10	10	120	FKM			**4270**	**486265**	14	14	420		
	4	7.5	10.5	0	4	10	100	FKM	7121KBG2QV00	**121K02**	**2995**	**481865**	9	8	290	2	3
	4	7.5	10.5	0	5	10	120	FKM			**4270**	**481000**	8	8	410	2	
	4	7.5	10.5	0	10	10	120	FKM			**4270**	**486265**	14	14	420		
	5	11	11.5	0	2	7	100	FKM	7121KBG2SVM0	**121K0150** [1]	**2995**	**481865**	9	8	290	2	3
	5	11	11.5	0	2.8	7	120	FKM			**4270**	**481000**	8	8	410	2	
	5	11	11.5	0	5	7	120	FKM			**4270**	**486265**	14	14	420		
	5	11	11.5	0	2	7	100	FKM	7121KBG2SV00	**121K01**	**2995**	**481865**	9	8	290	2	3
	5	11	11.5	0	2.8	7	120	FKM			**4270**	**481000**	8	8	410	2	
	5	11	11.5	0	5	7	120	FKM			**4270**	**486265**	14	14	420		
3/8	4	7.5	10.5	0	4	10	100	FKM	7121KBG3QV00	**121K3206**	**2995**	**481865**	9	8	340	2	3
	4	7.5	10.5	0	5	10	120	FKM			**4270**	**481000**	8	8	460	2	
	4	7.5	10.5	0	10	10	120	FKM			**4270**	**486265**	14	14	470		
	5	11	11.5	0	2	7	100	FKM	7121KBG3SV00	**121K3106**	**2995**	**481865**	9	8	340	2	3
	5	11	11.5	0	2.8	7	120	FKM			**4270**	**481000**	8	8	460	2	
	5	11	11.5	0	5	7	120	FKM			**4270**	**486265**	14	14	470		
	6	12	12.5	0	1.1	5	100	FKM	7121KBG3UV00	**121K3306**	**2995**	**481865**	9	8	340	2	3
	6	12	12.5	0	1.5	5	120	FKM			**4270**	**481000**	8	8	460	2	
	6	12	12.5	0	3	5	120	FKM			**4270**	**486265**	14	14	470	2	
1/2	8.5	25	15	0	0.5	1.1	100	FKM	7121KBG42V00	**E121K46**	**2995**	**481865**	9	8	430	2	7
	8.5	25	15	0	0.5	2.2	120	FKM			**4270**	**481000**	8	8	550	2	
	8.5	25	15	0	1.2	4	120	FKM			**4270**	**486265**	14	14	560		
	11	36	20	0	0.3	0.7	100	FKM	7121KBG44V00	**E121K45**	**2995**	**481865**	9	8	430	2	7
	11	36	20	0	0.35	1.2	120	FKM			**4270**	**481000**	8	8	550	2	
	11	36	20	0	0.7	2.5	120	FKM			**4270**	**486265**	14	14	560		

Brass body/Pipe mounting

Normally open



1/4	1.5	1.5	6	0	20	20	100	FKM	7122KBG2GV00	**122K8406**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	6	0	20	20	120	FKM			**4270**	**481000**	8	8	410	2	
	2.5	3	3.5	0	12	12	100	FKM	7122KBG2LV00	**122K8306**	**2995**	**481865**	9	8	290	2	3
	2.5	3	3.5	0	12	12	120	FKM			**4270**	**481000**	8	8	410	2	

Table continued on page 50

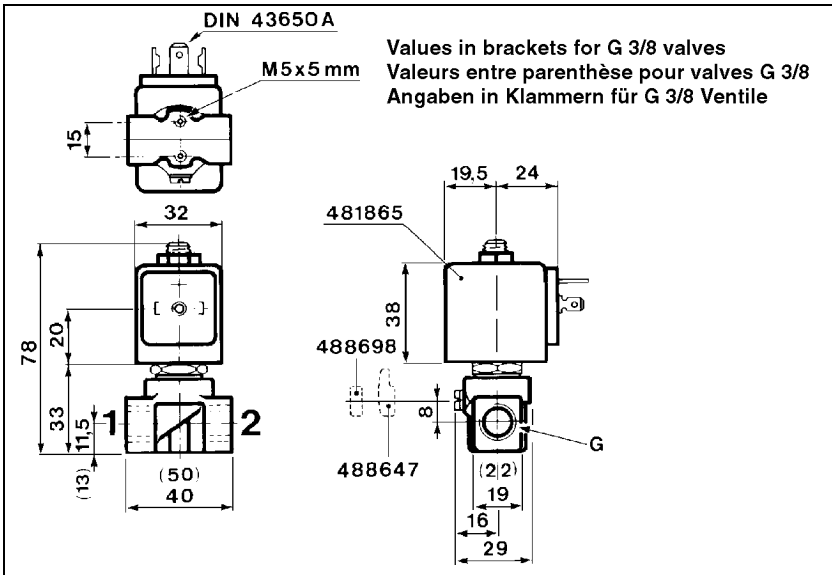
Notes:

* See Electrical Parts Group table at end of section

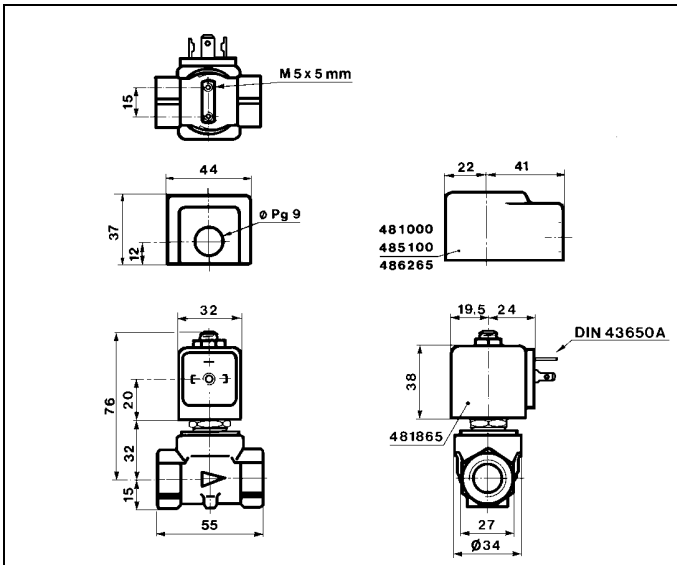
1. Manual override standard

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for water and neutral liquids 2/2 - Direct operated



Dimension reference 3



Dimension reference 7

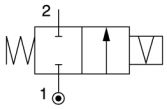
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for water and neutral liquids 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
				Min	Max				Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax		DC	AC											

Brass body/Pipe mounting

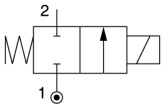
Magnetic latch control



1/4	5	11	11.5	0	-	5	100	FKM	7125KBG2SV00	**125K01**	**4269**	**484990**	-	11	430	4	3
	5	11	11.5	0	1.5	-	100	FKM			**4269**	**485400**	13	-	430	4	

Brass body/Sub-base mounting

Normally closed

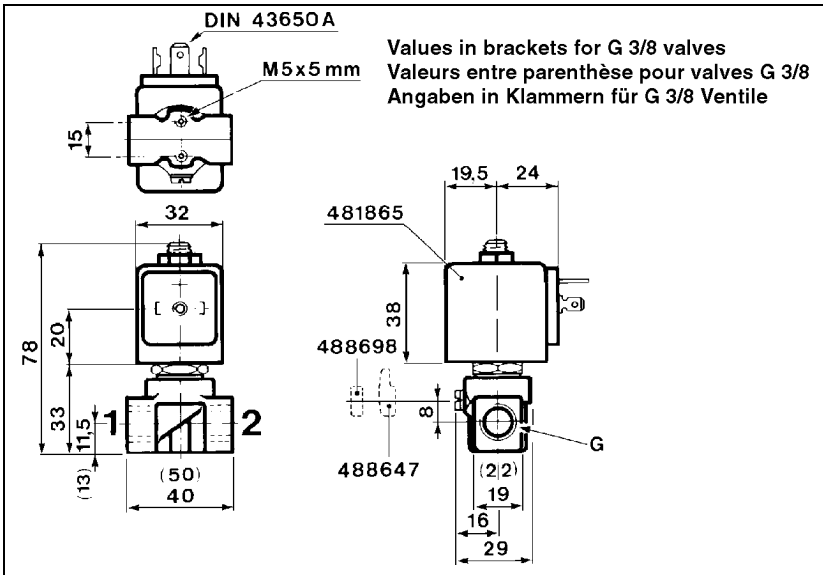


SB	1.5	1.6	6	0	20	20	100	FKM	7121FBF4GV00	**E121F4406**	**2995**	**481865**	9	8	250		12
	1.5	1.6	6	0	20	20	120	FKM			**4270**	**481000**	8	8	370		
	2.5	3.5	8.5	0	7	14	100	FKM	7121FBF4LV00	**121F4706**	**2995**	**481865**	9	8	250	2	12
	2.5	3.5	8.5	0	9	14	120	FKM			**4270**	**481000**	8	8	370	2	
	2.5	3.5	8.5	0	14	14	120	FKM			**4270**	**486265**	14	14	380	2	
	3	4.5	9	0	7	10	100	FKM	7121FBF4NV00	**E121F4302**	**2995**	**481865**	9	8	250	2	12
	3	4.5	9	0	8.5	10	120	FKM			**4270**	**481000**	8	8	370	2	
	3	4.5	9	0	10	10	120	FKM			**4270**	**486265**	14	14	380	2	

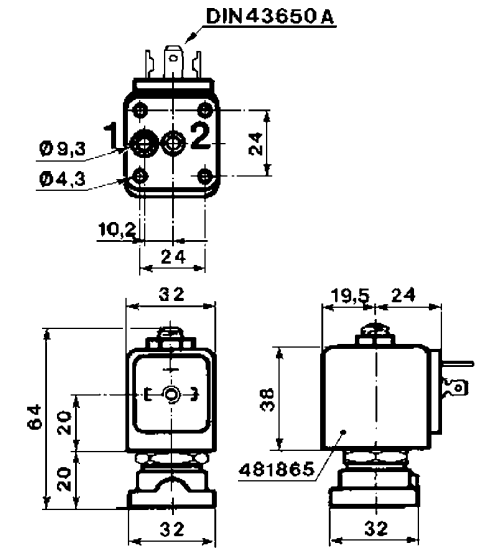
Notes:

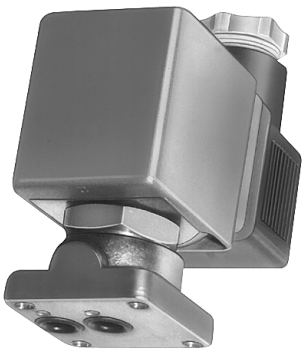
* See Electrical Parts Group table at end of section

Valves for water and neutral liquids 2/2 - Direct operated



Dimension reference 3





Dimension reference 12

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for water and neutral liquids

2/2

Applications

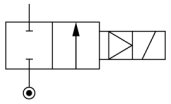
Magnalift valves are recommended in applications where the minimum pressure cannot be held at a sufficient level, i.e. where the effective supply pressure may be zero. This concerns applications like filling/emptying tanks by gravity and any other applications with a minimum pressure of zero.

Magnalift

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max							OR				
G		kv	Qmax		DC	AC			Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

Brass body/Pipe mounting

Normally closed



3/8	15	65	65	0	10	-	75	NBR	7221GBG3VNH0	**221G1330**	**2995**	**481865** [1]	9	-	630	10
	15	65	65	0	10	10	65	NBR			-	**492070** [1]	8	8	1000	
	15	65	65	0	10	10	75	NBR			-	**492190** [1]	9	11	1000	
	15	65	65	0	-	16	75	NBR	7221GBG3VN00	**221G13**	**2995**	**481865**	-	8	630	10
	15	65	65	0	-	16	75	NBR			**4270**	**481000**	-	8	750	
	15	65	65	0	7	-	75	NBR			**4270**	**486265**	14	-	760	
1/2	15	65	65	0	10	-	75	NBR	7221GBG4VNH0	**221G1530**	**2995**	**481865** [1]	9	-	640	10
	15	65	65	0	10	10	65	NBR			-	**492070** [1]	8	9	1010	
	15	65	65	0	10	10	75	NBR			-	**492190** [1]	9	11	1010	
	15	65	65	0	-	16	75	NBR	7221GBG4VN00	**221G15**	**2995**	**481865**	-	8	640	10
	15	65	65	0	-	16	75	NBR			**4270**	**481000**	-	8	760	
	15	65	65	0	7	-	75	NBR			**4270**	**486265**	14	-	770	
3/4	15	80	80	0	10	-	75	NBR	7221GBG51NH0	**221G1630**	**2995**	**481865** [1]	9	-	670	10
	15	80	80	0	10	10	65	NBR			-	**492070** [1]	8	8	1040	
	15	80	80	0	10	10	75	NBR			-	**492190** [1]	9	11	1040	
	15	80	80	0	-	16	75	NBR	7221GBG51N00	**221G16**	**2995**	**481865**	-	8	670	10
	15	80	80	0	-	16	75	NBR			**4270**	**481000**	-	8	790	
	15	80	80	0	7	-	75	NBR			**4270**	**486265**	14	-	800	
1	15	80	80	0	10	-	75	NBR	7221GBG61NH0	**221G1730**	**2995**	**481865** [1]	9	-	810	10
	15	80	80	0	10	10	65	NBR			-	**492070** [1]	8	8	1180	
	15	80	80	0	10	10	75	NBR			-	**492190** [1]	9	11	1180	
	15	80	80	0	-	16	75	NBR	7221GBG61N00	**221G17**	**2995**	**481865**	-	8	810	10
	15	80	80	0	-	16	75	NBR			**4270**	**481000**	-	8	930	
	15	80	80	0	7	-	75	NBR			**4270**	**486265**	14	-	940	
	25	170	160	0	10	-	75	NBR	7221GBG64NH0	**221G2130**	**2995**	**481865** [1]	9	-	1170	10
	25	170	160	0	10	10	65	NBR			-	**492070** [1]	8	8	1540	
	25	170	160	0	10	10	75	NBR			-	**492190** [1]	9	11	1540	

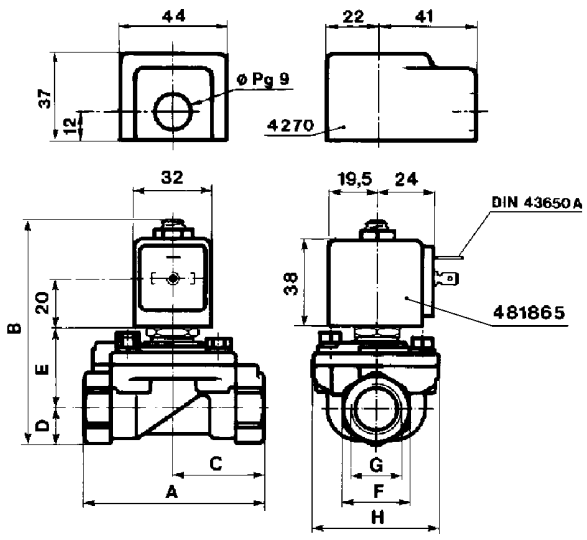
Table continued on page 54

Notes:

1. Valves with model number ending by 30 or 31 are mainly equipped with electrical parts EEx me II T3/T4 No. 492190 or EEx m II T4/T5 No. 492070 or with standard DC coils.

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for water and neutral liquids 2/2 - Magnalift



Dimension reference 10

	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G15/25	75	93	37.5	15	34	27	1/2	53
G13/23	75	93	37.5	15	34	27	3/8	53
G16/26	80	95.5	40	17.5	34	32	3/4	53
G17/27	85	102.5	42.5	22.5	36	41	1	53
G21	100	108	50	23	41	41	1	70

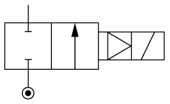
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for water and neutral liquids 2/2 - Magnalift

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max				Global valve reference	Valve reference no.	Housing	Coil				
G		kv	Qmax		DC	AC							DC	AC		

Brass body/Pipe mounting

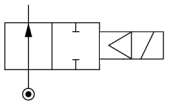
Normally closed



1	25	160	160	0	-	16	75	NBR	7221GBG64N00	**221G21**	**2995**	**481865**	-	8	1170	10
	25	160	160	0	-	16	75	NBR			**4270**	**481000**	-	8	1290	
	25	160	160	0	6	-	75	NBR			**4270**	**486265**	14	-	1300	

Brass body/Pipe mounting

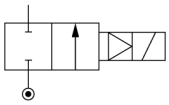
Normally open



3/8	15	43	43	0	8.5	8.5	85	FKM	72228BG3TV00	**222G3306**	**4270**	**486265**	14	14	940	102
1/2	15	58	58	0	8.5	8.5	85	FKM	72228BG4UV00	**222G3506**	**4270**	**486265**	14	14	940	102
3/4	19	72	72	0	8.5	8.5	85	FKM	72228BG5VV00	**222G3606**	**4270**	**486265**	14	14	940	102

303 Stainless steel body/Pipe mounting

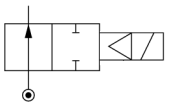
Normally closed



3/8	15	42	42	0	-	7	85	FKM	72218RG3TV00	**221G5306**	**2995**	**481865**	-	8	930	102
	15	42	42	0	-	7	85	FKM			**4270**	**481000**	-	8	1050	
	15	42	42	0	2.8	-	85	FKM			**4270**	**486265**	14	-	1060	
1/2	15	54	54	0	-	7	85	FKM	72218RG4UV00	**221G5506**	**2995**	**481865**	-	8	930	102
	15	54	54	0	-	7	85	FKM			**4270**	**481000**	-	8	1050	
	15	54	54	0	2.8	-	85	FKM			**4270**	**486265**	14	-	1060	
3/4	19	71	71	0	-	7	85	FKM	72218RG5VV00	**221G5606**	**2995**	**481865**	-	8	930	102
	19	71	71	0	-	7	85	FKM			**4270**	**481000**	-	8	1050	
	19	71	71	0	2.8	-	85	FKM			**4270**	**486265**	14	-	1060	

303 Stainless steel body/Pipe mounting

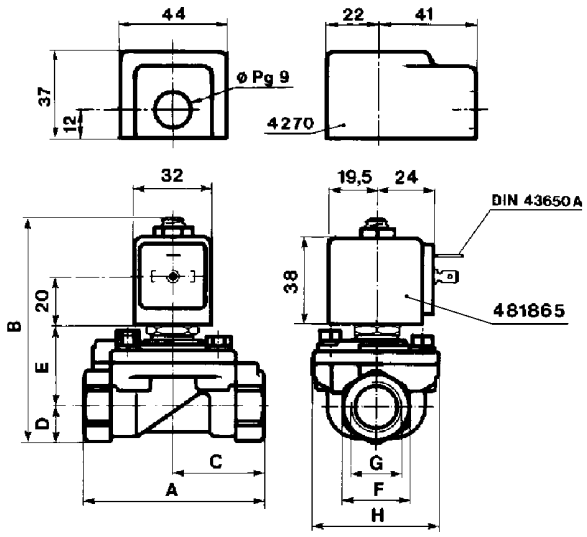
Normally open



3/8	16	43	43	0	8.5	8.5	85	FKM	72228RG3TV00	**222G5306**	**4270**	**486265**	14	14	-	102
1/2	16	58	58	0	8.5	8.5	85	FKM	72228RG4UV00	**222G5506**	**4270**	**486265**	14	14	1050	102

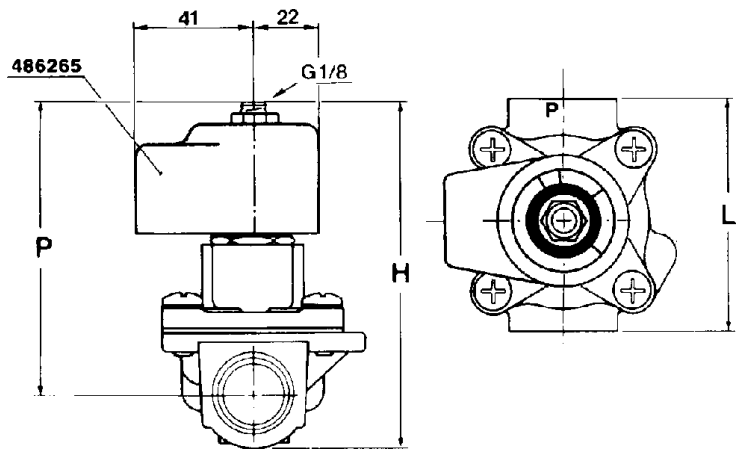
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for water and neutral liquids 2/2 - Magnalift



Dimension reference 10

	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G15/25	75	93	37.5	15	34	27	1/2	53
G13/23	75	93	37.5	15	34	27	3/8	53
G16/26	80	95.5	40	17.5	34	32	3/4	53
G17/27	85	102.5	42.5	22.5	36	41	1	53
G21	100	108	50	23	41	41	1	70



Dimension reference 102

	H mm	P mm	L mm
221G53../222G33..	103	89	67
221G55../222G35..	103	89	67
221G56../222G36..	103	89	69

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Valves for water and neutral liquids

Applications

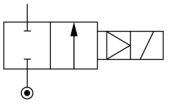
Pilot operated valves are ideally suited to shut-off applications of liquids with high flow and pressure.
A minimum operating pressure is required: refer to tables.

Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
				Min	Max					OR							
G		kv	Qmax		DC	AC			Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

Brass body/Pipe mounting

Normally closed



1/4	12	30	30	0.3	10	10	75	NBR	-	**321K31**	**8993**	**481180**	5	4	380	1	72
	12	30	30	0.3	7	10	75	NBR			**8993**	**488980**	2.5	2	380	1	
3/8	12	45	45	0.3	10	10	75	NBR	-	**321K33**	**8993**	**481180**	5	4	380	1	72
	12	45	45	0.3	7	10	75	NBR			**8993**	**488980**	2.5	2	380	1	
	13	50	50	0.1	20	20	90	NBR	7321BBG3TN00	-	**2995**	**481865**	9	8	560	2	1000
	13	50	50	0.1	20	20	90	NBR			**4270**	**481000**	8	8	560	2	
	13	50	50	0.1	20	20	90	NBR	7321BBG3TNM0	- 1	**2995**	**481865**	9	8	560	2	1000
	13	50	50	0.1	20	20	90	NBR			**4269**	**481000**	8	8	560	2	
1/2	12	50	50	0.3	10	10	75	NBR	-	**321K35**	**8993**	**481180**	5	4	380	1	72
	12	50	50	0.3	7	10	75	NBR			**8993**	**488980**	2.5	2	380	1	
	13	140	140	0.1	20	20	90	NBR	7321BBG4TN00	-	**2995**	**481865**	9	8	590	2	1000
	13	140	140	0.1	20	20	90	NBR			**4269**	**481000**	8	8	590	2	
	13	140	140	0.1	20	20	90	NBR	7321BBG4TNM0	- 1	**2995**	**481865**	9	8	590	2	1000
	13	140	140	0.1	20	20	90	NBR			**4269**	**481000**	8	8	590	2	
3/4	18	100	100	0.3	10	10	75	NBR	-	**321K36**	**8993**	**481180**	5	4	590	1	72
	18	100	100	0.3	7	10	75	NBR			**8993**	**488980**	2.5	2	590	1	
	20	140	140	0.1	20	20	90	NBR	7321BBG53N00	-	**2995**	**481865**	9	8	1050	2	1000
	20	140	140	0.1	20	20	90	NBR			**4269**	**481000**	8	8	1050	2	
	20	140	140	0.1	10	10	90	NBR	7321BBG53NM0	- 2	**2995**	**481865**	9	8	1050	2	1000
	20	140	140	0.1	10	10	90	NBR			**4269**	**481000**	8	8	1050	2	
	20	135	135	0.3	16	16	75	NBR	7321GBG53N00	**E321G36** 3	**2995**	**481865**	9	8	1430	2	11
	20	135	135	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1550	2	
1	18	110	110	0.3	10	10	75	NBR	-	**321K37**	**8993**	**481180**	5	4	735	1	72
	18	110	110	0.3	7	10	75	NBR			**8993**	**488980**	2.5	2	735	1	
	25	160	160	0.1	20	20	90	NBR	7321BBG64N00	-	**2995**	**481865**	9	8	1110	2	1000
	25	160	160	0.1	20	20	90	NBR			**4269**	**481000**	8	8	1110	2	

Table continued on page 58

Notes:

* See Electrical Parts Group table at end of section

1. Manual override standard
2. For manual override and closure speed control change M0 by M1
3. Manual override and 4 position selector for controlled closure rate: see "Anti-waterhammer valves" section

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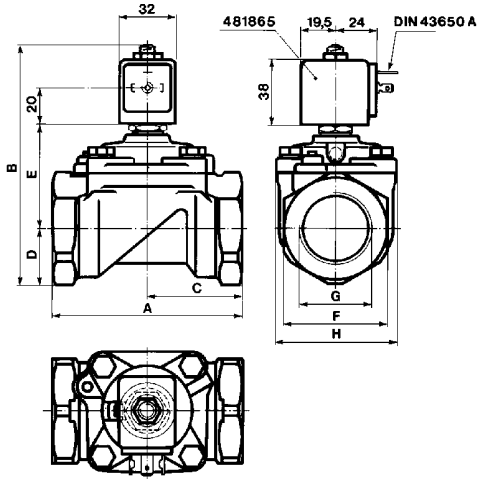
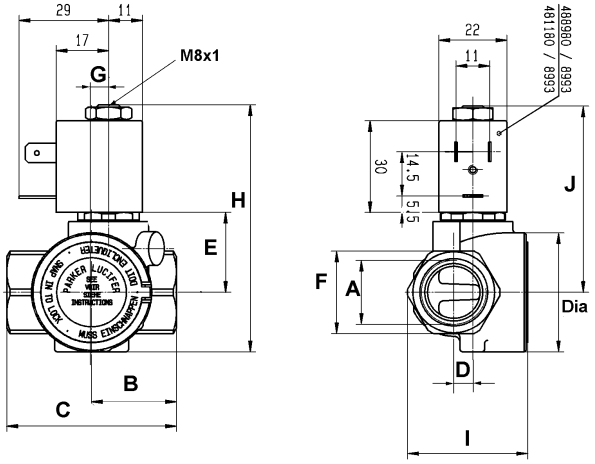
CH-1227 Carouge-Genève

Valves for water and neutral liquids 2/2 - Pilot operated



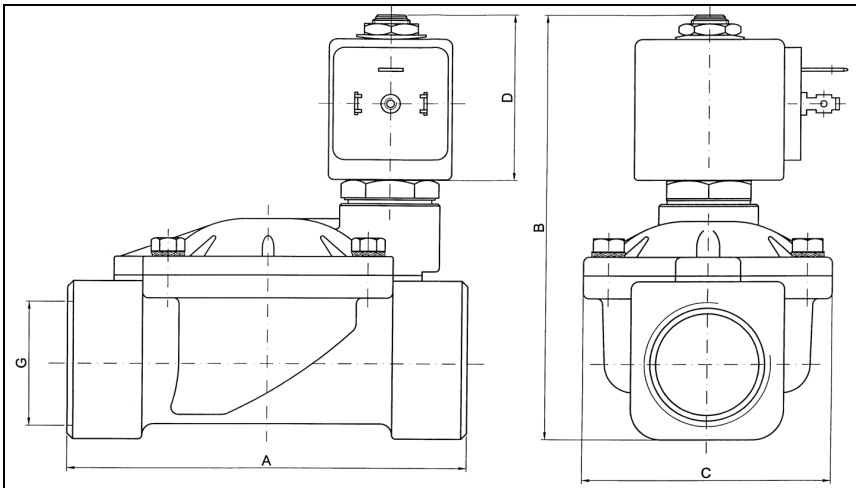
	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

Dimension reference 11



	A inch	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	Dia. mm
K31	1/4	25	50	6.2	26	27	5.5	81	39	61	40
K33	3/8	25	50	6.2	26	27	5.5	81	39	61	40
K35	1/2	27.5	55	6.2	26	27	5.5	81	39	61	40
K36	3/4	40	80	9	33.5	32	8	96.5	46	68.5	56
K37	1	42.5	85	14.2	33.5	41	8	96.5	56	68.5	56

Dimension reference 72



Size G	A mm	B mm	C mm	D mm
3/8	69	99.5	40	44
1/2	72	101.5	40	44
3/4	100	107	65	44
1	104	112.5	65	44
1 1/4	145	134	102	44
1 1/2	145	134	102	44
2	173	148	118	44
2 1/2	245	195	184	44
3	250	195	184	44

Dimension reference 1000

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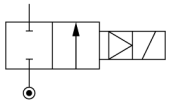
CH-1227 Carouge-Genève

Valves for water and neutral liquids 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
				Min	Max						OR						
G		kv	Qmax		DC	AC			Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

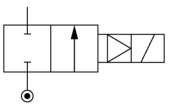
Brass body/Pipe mounting

Normally closed



1	25	160	160	0.1	10	10	90	NBR	7321BBG64NM0	- 1	**2995**	**481865**	9	8	1110	2	1000
	25	160	160	0.1	10	10	90	NBR			**4269**	**481000**	9	8	1110	2	
	25	180	180	0.3	16	16	75	NBR	7321GBG64N00	**E321G37** 2	**2995**	**481865**	9	8	1230	2	11
	25	180	180	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1350	2	
1 1/4	28	280	280	0.3	16	16	75	NBR	7321GBG76N00	**E321G38** 2	**2995**	**481865**	9	8	1860	2	11
	28	280	280	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1980	2	
	35	420	420	0.1	10	10	90	NBR	7321BBG78N00	-	**2995**	**481865**	9	8	3120	2	1000
	35	420	420	0.1	10	10	90	NBR			**4269**	**481000**	8	8	3120	2	
	35	420	420	0.1	5	5	90	NBR	7321BBG78NM0	- 1	**2995**	**481865**	9	8	3120	2	1000
	35	420	420	0.1	5	5	90	NBR			**4269**	**481000**	8	8	3120	2	
1 1/2	40	500	500	0.1	10	10	90	NBR	7321BBG88N00	-	**2995**	**481865**	9	8	2870	2	1000
	40	500	500	0.1	10	10	90	NBR			**4269**	**481000**	8	8	2870	2	
	40	500	500	0.1	5	5	90	NBR	7321BBG88NM0	- 1	**2995**	**481865**	9	8	2870	2	1000
	40	500	500	0.1	5	5	90	NBR			**4269**	**481000**	8	8	2870	2	
	40	420	420	0.3	7	16	75	NBR	7321GBG88N00	**E321G39** 2	**2995**	**481865**	9	8	2560	2	11
	40	420	420	0.3	8.5	16	75	NBR			**4270**	**481000**	8	8	2680	2	
	40	420	420	0.3	16	16	75	NBR			**4270**	**486265**	14	14	2700	2	
2	40	500	500	0.1	5	5	90	NBR	7321BBG99NM0	- 1	**2995**	**481865**	9	8	4260	2	1000
	40	500	500	0.1	5	5	90	NBR			**4269**	**481000**	8	8	4260	2	
	40	540	540	0.3	7	16	75	NBR	7321GBG99N00	**E321G40** 2	**2995**	**481865**	9	8	2900	2	11
	40	540	540	0.3	8.5	16	75	NBR			**4270**	**481000**	8	8	3040	2	
	40	540	540	0.3	16	16	75	NBR			**4270**	**486265**	14	14	3050	2	
	50	620	620	0.1	10	10	90	NBR	7321BBG99N00	-	**2995**	**481865**	9	8	4260	2	1000
	50	620	620	0.1	10	10	90	NBR			**4269**	**481000**	8	8	4260	2	
2 1/2	65	1050	1050	0.1	10	10	90	NBR	7321BBGCBNM1	- 3	**2995**	**481865**	9	8	-	2	1000
	65	1050	1050	0.1	10	10	90	NBR			**4269**	**481000**	8	8	-	2	
3	75	1385	1385	0.1	10	10	90	NBR	7321BBGDCNM1	- 3	**2995**	**481865**	9	8	-	2	1000
	75	1385	1385	0.1	10	10	90	NBR			**4269**	**481000**	8	8	-	2	

Normally open



Brass body/Pipe mounting

3/8	13	50	50	0.1	20	20	90	NBR	7322BBG3TN00	-	**2995**	**481865**	9	8	560	2	2000
	13	50	50	0.1	20	20	90	NBR			**4270**	**481000**	8	8	560	2	
1/2	13	140	140	0.1	20	20	90	NBR	7322BBG4TN00	-	**2995**	**481865**	9	8	590	2	2000
3/4	20	140	140	0.1	20	20	90	NBR	7322BBG53N00	-	**2995**	**481865**	9	8	1050	2	2000
	20	140	140	0.1	20	20	90	NBR			**4270**	**481000**	8	8	1050	2	
	20	135	135	0.3	16	16	75	NBR	7322GBG53N00	**322G36**	**2995**	**481865**	9	8	1430		11
	20	135	135	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1550		

Table continued on page 60

Notes:

* See Electrical Parts Group table at end of section

1. For manual override and closure speed control change M0 by M1
2. Manual override and 4 position selector for controlled closure rate: see "Anti-waterhammer valves" section
3. Manual override and closure speed control standard

Parker Lucifer SA
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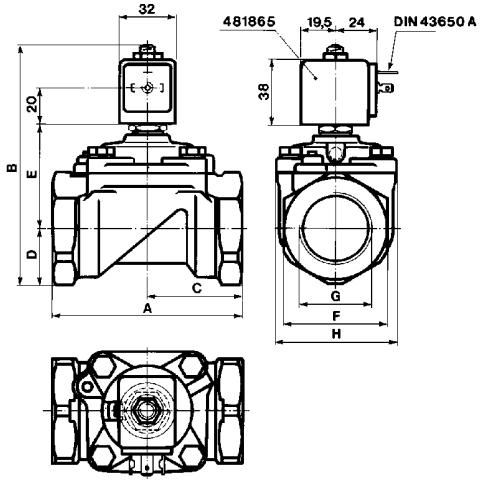
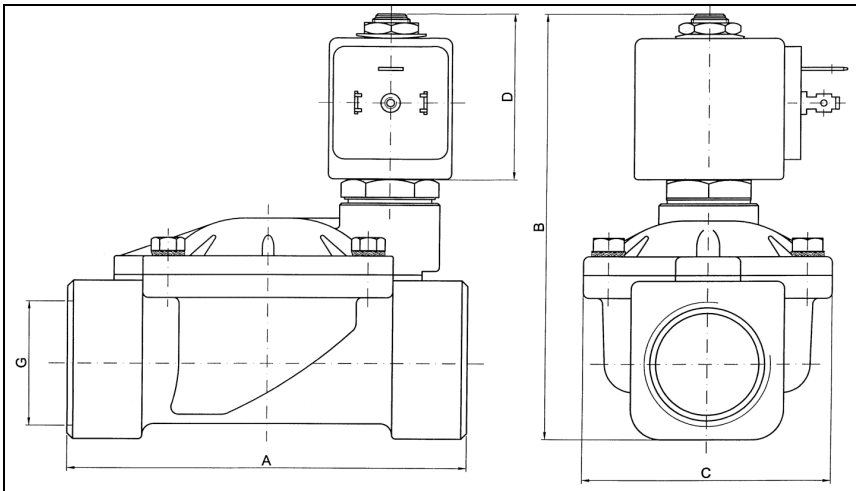
Valves for water and neutral liquids 2/2 - Pilot operated



	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

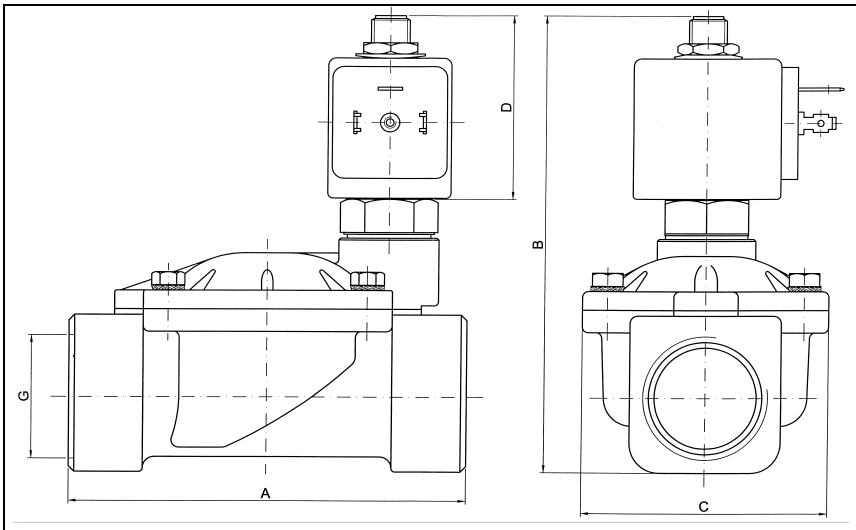
Dimension reference 11



Size

G	A mm	B mm	C mm	D mm
3/8	69	99.5	40	44
1/2	72	101.5	40	44
3/4	100	107	65	44
1	104	112.5	65	44
1 1/4	145	134	102	44
1 1/2	145	134	102	44
2	173	148	118	44
2 1/2	245	195	184	44
3	250	195	184	44

Dimension reference 1000



Size

G	A mm	B mm	C mm	D mm
3/8	69	99.5	40	44
1/2	72	101.5	40	44
3/4	100	107	65	44
1	104	112.5	65	44
1 1/4	145	134	102	44
1 1/2	145	134	102	44
2	173	148	118	44
2 1/2	245	195	184	44
3	250	195	184	44

Dimension reference 2000

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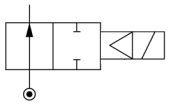
Valves for water and neutral liquids 2/2 - Pilot operated

Port size G	Orifice (mm)	Flow factors (L/min) kv	Qmax	Admissible differential pressure bar Min	Max DC	Max AC	Fluid temp. °C	Seat disc	Reference numbers Global valve reference	Valve reference no.	OR Housing	Coil	Power consumption (W) DC	AC	Wt. (g)	El. Part Group *	Dim ref.

Brass body/Pipe mounting

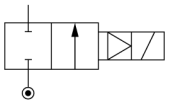
Normally open



1	25	160	160	0.1	20	20	90	NBR	7322BBG64N00	-	**2995**	**481865**	9	8	1110	2	2000
	25	180	180	0.3	16	16	75	NBR	7322GBG64N00	**322G37**	**2995**	**481865**	9	8	1230		11
	25	180	180	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1350		
1 1/4	28	270	270	0.3	16	16	75	NBR	7322GBG76N00	**322G38**	**2995**	**481865**	9	8	1860		11
	28	270	270	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1980		
	35	420	420	0.1	10	10	90	NBR	7322BBG78N00	-	**2995**	**481865**	9	8	3120	2	2000
	35	420	420	0.1	10	10	90	NBR			**4270**	**481000**	8	8	3120	2	
1 1/2	40	500	500	0.1	10	10	90	NBR	7322BBG88N00	-	**2995**	**481865**	9	8	2870	2	2000
	40	500	500	0.1	10	10	90	NBR			**4270**	**481000**	8	8	2870	2	
	40	420	420	0.3	12	12	75	NBR	7322GBG88N00	**322G39**	**2995**	**481865**	9	8	2560		11
	40	420	420	0.3	12	12	75	NBR			**4270**	**481000**	8	8	2680		
2	40	540	540	0.3	12	12	75	NBR	7322GBG99N00	**322G40**	**2995**	**481865**	9	8	2900		11
	40	540	540	0.3	12	12	75	NBR			**4270**	**481000**	8	8	3040		
	50	620	620	0.1	10	10	90	NBR	7322BBG99N00	-	**2995**	**481865**	9	8	4260	2	2000
	50	620	620	0.1	10	10	90	NBR			**4270**	**481000**	8	8	4260	2	

Brass body/Sub-base mounting

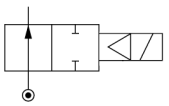
Normally closed



SB	14	45	45	0.3	25	40	75	NBR	7321FBF3TN00	**E321F32** [1]	**2995**	**481865**	9	8	650	2	13
	14	45	45	0.3	30	40	75	NBR			**4270**	**481000**	8	8	770	2	
	14	45	45	0.3	40	40	75	NBR			**4270**	**486265**	14	14	780	2	

Brass body/Sub-base mounting

Normally open



SB	14	45	45	0.3 [2]	40	40	75	NBR	7322FBF3TN00	**322F72** [1]	**2995**	**481865**	9	8	650		13
	14	45	45	0.3 [2]	40	40	75	NBR			**4270**	**481000**	8	8	770		

Notes:

* See Electrical Parts Group table at end of section

1. Pilot seat discs from ruby (synthetic)
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Parker Lucifer SA
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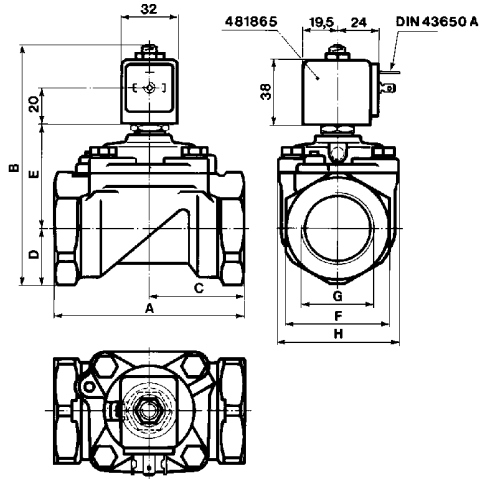
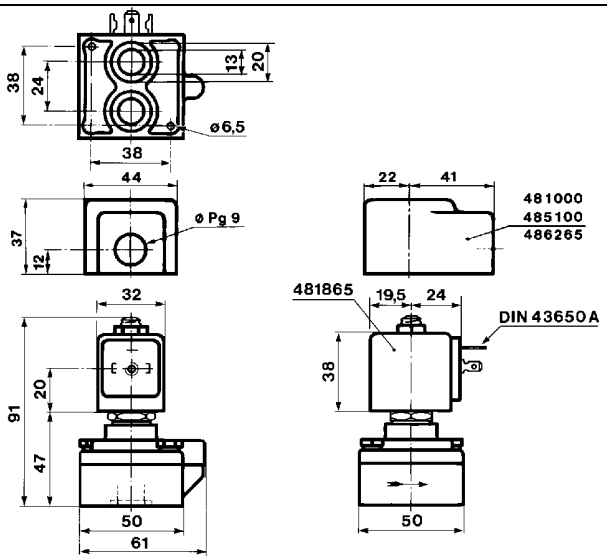
CH-1227 Carouge-Genève

Valves for water and neutral liquids 2/2 - Pilot operated

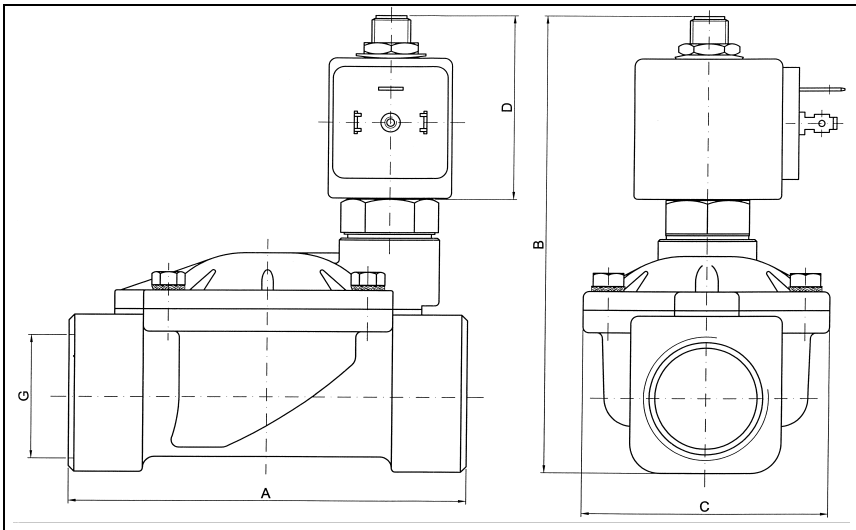


	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

Dimension reference 11



Dimension reference 13



Size

G	A mm	B mm	C mm	D mm
3/8	69	99.5	40	44
1/2	72	101.5	40	44
3/4	100	107	65	44
1	104	112.5	65	44
1 1/4	145	134	102	44
1 1/2	145	134	102	44
2	173	148	118	44
2 1/2	245	195	184	44
3	250	195	184	44

Dimension reference 2000

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Electrical parts options with 2/2 valves for water and neutral liquids

El.part Group	Coil	Protection class	Protection class / Temperature class	Power DC	Power AC	Coil Order No.	Coil Ref. No.	Connection	Housing Order No.	Housing Ref. No.	Ambient temp. min.	Ambient temp. max.
1	**22 mm**	IP 65	**Class F**	2.5 W	2 W	DA01	**488980**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	2.5 W	2 W	DA02	**481045**	with DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA03	**481180**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA04	**481530**	with DIN plug	A0	**8993**	-40	50
		IP 65	**EEx m II T4**	5 W	4 W	VA01	**482605**	with 1500mm cable	00	**-**	-40	50
		IP 65	**EEx m II T5**	2.5 W	2 W	VA02	**482606**	with 1500mm cable	00	**-**	-40	50
2	**32 mm**	IP 65	**Class F**	9 W	8 W	DZ02	**481865**	for DIN plug	N1	**2995**	-40	50
	(Std)	IP 65		9 W	8 W	DZ03	**482725**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class H**	9 W	8 W	DZ04	**492453**	for DIN plug	N1	**2995**	-40	50
		IP 65			8 W	DZ05	**492726**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class F, 50/60 Hz**	-	9 W	DZ06	**483510**	for DIN plug	N1	**2995**	-40	50
		IP 65		-	9 W	DZ07	**482635**	with DIN plug	N1	**2995**	-40	50
		IP 65	**EEx m II T4**	9 W	8 W	HZ05	**492670**	with 3000mm cable	00	**-**	-40	40
		IP 65	**Class H**	14 W	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
		IP 65		14 W	14 W	DZ09	**492727**	with DIN plug	N1	**2995**	-40	50
	50 mm	IP10 / IP 44	**Class F**	8 W	8 W	EZ01	**481000**	screw-terminals	E0	**4270**	-40	50
	(Std)	IP10 / IP 44	**Class H**	8 W	8 W	EZ02	**485100**	screw-terminals	E0	**4270**	-40	50
		IP10 / IP 44	**Class H**	14 W	14 W	EZ92	**486265**	screw-terminals	E0	**4270**	-40	50
		IP 67	**Class F, M20x1.5**	8 W	8 W	EZ01	**481000**	screw-terminals	G1	**4538**	-40	50
		IP 65	**EEx m II T5/T4**	9 W	8 W	VZ01	**492070**	with 1500mm cable	00	**-**	-40	40/65
		IP 67	**EEx me II T4**	8 W	8 W	HZ06	**483371**	for cable connection	00	**-**	-40	65
		IP 66	**EEx me II T3/T4**	11 W	9 W	VZ03	**492190**	for cable connection	00	**-**	-40	75/40
3	**32 mm**	IP 65	**Class H**	-	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
4	**50 mm (impulse)**	IP10 / IP 44	**Class F**	-	11 W	MZ01	**484990**	screw-terminals	E1	**4269**	-40	50
		IP10 / IP 44	**Class F**	13 W	-	MZ02	**485400**	screw-terminals	E1	**4269**	-40	50
5	**50 mm**	IP 54	**EEx d IIC T4/T5/T6**	8 W	8 W	HZ08	**483250**	for cable 1/2 NPT	00	**-**	-40	80/75/60
6	**32 mm**	IP 65	**Class F**	1.6 W	-	DZ10	**482740**	for DIN plug	N1	**2995**	-40	50
	(Miniwatt)	IP 65	**Class F**	1.6W	-	DZ11	**482745**	with DIN plug	N1	**2995**	-40	50
	50 mm	IP 67	**EEx me II T5**	2.5 W	-	VZ04	**491117**	for cable connection	00	**-**	-40	65
	(Miniwatt)	IP 67	**EEx m II T5/T4**	2.5 W	2.5 W	VZ05	**492370**	with 1500mm cable	00	**-**	-40	40/65
		IP 66	**EEx me II T6/T5**	2.5 W	2.5 W	VZ06	**492390**	for cable connection	00	**-**	-40	40/75
7	**32 mm**	IP 65	**EEx ia II C T6**	0.4 W	-	DZ12	**483580.01**	for DIN plug	N1	**2995**	-40	55
		IP 65		0.4 W	-	DZ13	**483960.01**	with DIN plug	N1	**2995**	-40	55
	50 mm	IP 66	**EEx ia II C T6**	0.4 W	-	VZ07	**488650.01**	for cable connection	00	**-**	-40	65
		IP 67		0.4 W	-	VZ08	**488660.01**	with 2000mm cable	00	**-**	-40	65
		IP 65		0.4 W	-	VZ09	**488670.01**	with DIN plug	00	**-**	-40	65

Note: This table is indicative only. Please contact your distributor to confirm your selection.

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Anti-water hammer valves 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Magnalift	**Brass body**	**Normally closed**	3/8	15	16.0	64
			1/2	15	16.0	64
			3/4	15	16.0	64
			1	15 to 25	16.0	64
Pilot operated	**Brass body**	**Normally closed**	1/4	12	12.0	66
			3/8	12	12.0	66
			1/2	12	12.0	66
			3/4	18 to 20	16.0	66
			1	18 to 25	16.0	66
			1 1/4	28	16.0	68
			1 1/2	40	16.0	68
			2	40	16.0	68
		Normally open	3/4	20	16.0	68
			1	25	16.0	68
			1 1/4	28	16.0	68
			1 1/2	40	12.0	68
			2	40	12.0	68

Notes:
Magnalift valves: pressure range from 0 to max pressure.
Pilot operated valves: pressure range from 0.3 to 0.5 bar to max. pressure (refer to tables).

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Anti-water hammer valves

2/2

Applications

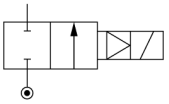
Magnalift valves are recommended in applications where the minimum pressure cannot be held at a sufficient level, i.e. where the effective supply pressure may be zero. This concerns applications like filling/emptying tanks by gravity and any other applications with a minimum pressure of zero.

Magnalift

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max							OR				
G		kv	Qmax		DC	AC			Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

Brass body/Pipe mounting

Normally closed



3/8	15	65	65	0	10	-	75	NBR	7221GBG3VNH0	**221G1330**	**2995**	**481865** [1]	9	-	630	10
	15	65	65	0	10	10	65	NBR			**-**	**492070** [1]	8	8	1000	
	15	65	65	0	10	10	75	NBR			**-**	**492190** [1]	9	11	1000	
	15	65	65	0	-	16	75	NBR	7221GBG3VN00	**221G13**	**2995**	**481865**	-	8	630	10
	15	65	65	0	-	16	75	NBR			**4270**	**481000**	-	8	750	
	15	65	65	0	7	-	75	NBR			**4270**	**486265**	14	-	760	
1/2	15	65	65	0	10	-	75	NBR	7221GBG4VNH0	**221G1530**	**2995**	**481865** [1]	9	-	640	10
	15	65	65	0	10	10	65	NBR			**-**	**492070** [1]	8	9	1010	
	15	65	65	0	10	10	75	NBR			**-**	**492190** [1]	9	11	1010	
	15	65	65	0	-	16	75	NBR	7221GBG4VN00	**221G15**	**2995**	**481865**	-	8	640	10
	15	65	65	0	-	16	75	NBR			**4270**	**481000**	-	8	760	
	15	65	65	0	7	-	75	NBR			**4270**	**486265**	14	-	770	
3/4	15	80	80	0	-	10	75	NBR	7221GBG51NC0	**221G1610** [2]	**2995**	**481865**	-	8	670	10
	15	80	80	0	-	16	75	NBR			**4270**	**481000**	-	8	790	
	15	80	80	0	7	-	75	NBR			**4270**	**486265**	14	-	800	
	15	80	80	0	10	-	75	NBR	7221GBG51NCH	**221G1631** [2]	**2995**	**481865** [1]	9	-	670	10
	15	80	80	0	10	10	65	NBR			**-**	**492070** [1]	8	8	1040	
	15	80	80	0	10	10	75	NBR			**-**	**492190** [1]	9	11	1040	
1	15	80	80	0	-	16	75	NBR	7221GBG61NC0	**221G1710** [2]	**2995**	**481865**	-	8	810	10
	15	80	80	0	-	16	75	NBR			**4270**	**481000**	-	8	930	
	15	80	80	0	7	-	75	NBR			**4270**	**486265**	14	-	940	
	15	80	80	0	10	-	75	NBR	7221GBG61NCH	**221G1731** [2]	**2995**	**481865** [1]	9	8	810	10
	15	80	80	0	10	10	65	NBR			**-**	**492070** [1]	8	8	1180	
	15	80	80	0	10	10	75	NBR			**-**	**492190** [1]	9	11	1180	
	25	160	160	0	-	16	75	NBR	7221GBG64NC0	**221G2110** [2]	**2995**	**481865**	-	8	1170	10
	25	160	160	0	-	16	75	NBR			**4270**	**481000**	-	8	1290	
	25	160	160	0	6	-	75	NBR			**4270**	**486265**	14	-	1300	
	25	160	160	0	10	-	75	NBR	7221GBG64NCH	**221G2131** [2]	**2995**	**481865** [1]	9	-	1170	10
	25	160	160	0	10	10	65	NBR			**-**	**492070** [1]	8	8	1540	
	25	160	160	0	10	10	75	NBR			**-**	**492190** [1]	9	11	1540	

Notes:

1. Valves with model number ending by 30 or 31 are mainly equipped with electrical parts EEx me II T3/T4 No. 492190 or EEx m II T4/T5 No. 492070 or with standard DC coils.
2. 4 position selector for controlled closure rate

Parker Lucifer SA
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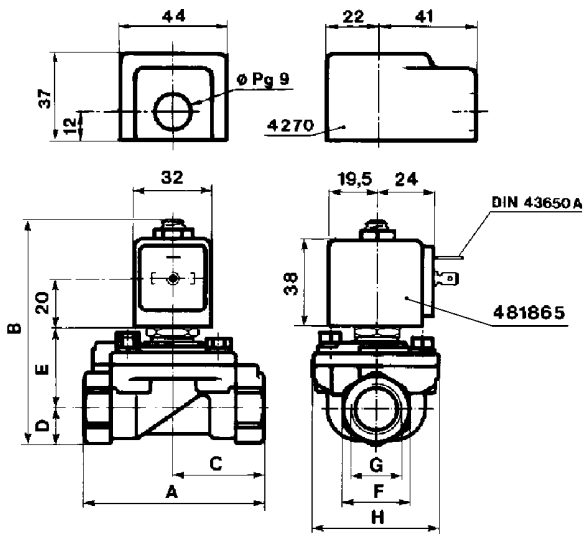
Anti-water hammer valves 2/2 - Magnalift



Dimension reference 10

	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G15/25	75	93	37.5	15	34	27	1/2	53
G13/23	75	93	37.5	15	34	27	3/8	53
G16/26	80	95.5	40	17.5	34	32	3/4	53
G17/27	85	102.5	42.5	22.5	36	41	1	53
G21	100	108	50	23	41	41	1	70

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Anti-water hammer valves

2/2

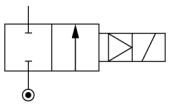
Applications

Pilot operated valves are ideally suited to shut-off applications of liquids with high flow and pressure.
A minimum operating pressure is required: refer to tables.

Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
				Min	Max					OR							
									Global valve reference	Valve reference no.	Housing	Coil					
G		kv	Qmax		DC	AC							DC	AC			

Normally closed



Brass body/Pipe mounting

1/4	12	30	30	0.3	12	12	100	FKM	7321KBG2SVW0	**321K4106**	**2995**	**481865**	9	8	490		73
	12	30	30	0.3	12	12	100	FKM			**4270**	**481000**	8	8	610		
	12	30	30	0.3	12	12	100	FKM	7321KBG2SVMW	**321K4156** 1	**2995**	**481865**	9	8	490		73
	12	30	30	0.3	12	12	100	FKM			**4270**	**481000**	8	8	610		
3/8	12	45	45	0.3	12	12	100	FKM	7321KBG3TVW0	**321K4306**	**2995**	**481865**	9	8	490		73
	12	45	45	0.3	12	12	100	FKM			**4270**	**481000**	8	8	610		
	12	45	45	0.3	12	12	100	FKM	7321KBG3TVMW	**321K4356** 1	**2995**	**481865**	9	8	490		73
	12	45	45	0.3	12	12	100	FKM			**4270**	**481000**	8	8	610		
1/2	12	50	50	0.3	12	12	100	FKM	7321KBG4TVW0	**321K4506**	**2995**	**481865**	9	8	490		73
	12	50	50	0.3	12	12	100	FKM			**4270**	**481000**	8	8	610		
	12	50	50	0.3	12	12	100	FKM	7321KBG4TVMW	**321K4556** 1	**2995**	**481865**	9	8	490		73
	12	50	50	0.3	12	12	100	FKM			**4270**	**481000**	8	8	610		
3/4	18	100	100	0.3	12	12	100	FKM	7321KBG51VW0	**321K4606**	**2995**	**481865**	9	8	700		73
	18	100	100	0.3	12	12	100	FKM			**4270**	**481000**	8	8	820		
	18	100	100	0.3	12	12	100	FKM	7321KBG51VMW	**321K4656** 1	**2995**	**481865**	9	8	700		73
	18	100	100	0.3	12	12	100	FKM			**4270**	**481000**	8	8	820		
	20	135	135	0.3	16	16	75	NBR	7321GBG53NMC	**E321G3610** 2	**2995**	**481865**	9	8	1430	2	11
	20	135	135	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1550	2	
1	18	110	110	0.3	12	12	100	FKM	7321KBG62VW0	**321K4706**	**2995**	**481865**	9	8	845		73
	18	110	110	0.3	12	12	100	FKM			**4270**	**481000**	8	8	965		
	18	110	110	0.3	12	12	100	FKM	7321KBG62VMW	**321K4756** 1	**2995**	**481865**	9	8	845		73
	18	110	110	0.3	12	12	100	FKM			**4270**	**481000**	8	8	965		
	25	180	180	0.3	16	16	75	NBR	7321GBG64NMC	**E321G3710** 2	**2995**	**481865**	9	8	1230	2	11
	25	180	180	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1350	2	

Table continued on page 68

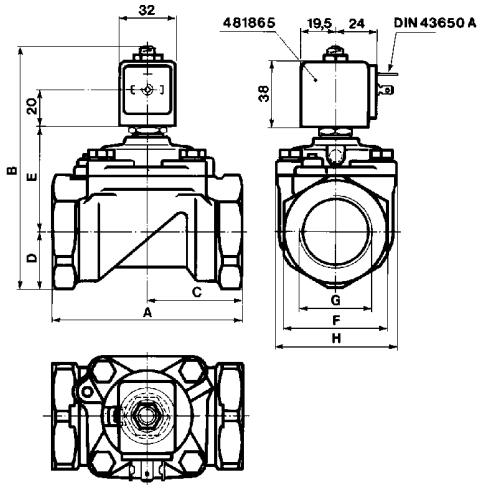
Notes:

* See Electrical Parts Group table at end of section

1. Manual override standard
2. Manual override and 4 position selector for controlled closure rate standard - without manual override and 4 position selector on request: same type witout suffix 10, e.g. : E321G36

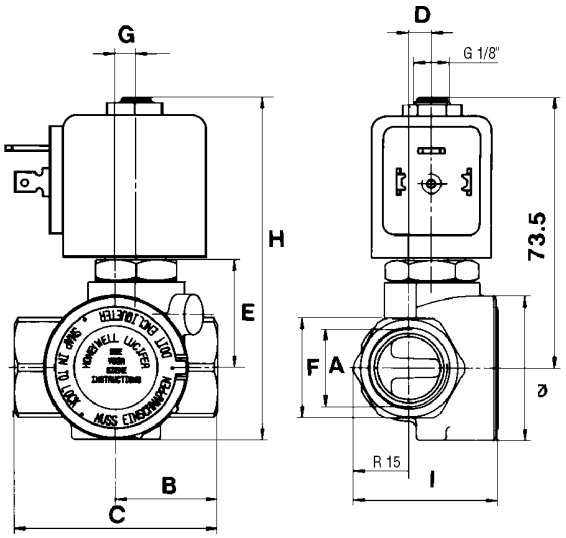
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Anti-water hammer valves 2/2 - Pilot operated



	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

Dimension reference 11



	A inch	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	Dia. mm
K41	1/4	25	50	6.2	29	27	5.5	93.5	39	73.5	40
K43	3/8	25	50	6.2	29	27	5.5	93.5	39	73.5	40
K45	1/2	27.5	55	6.2	29	27	5.5	93.5	39	73.5	40
K46	3/4	40	80	9	36.5	32	8	109	46	81	56
K47	1	42.5	85	14.2	36.5	41	8	109	56	81	56

Dimension reference 73

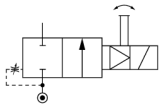
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Anti-water hammer valves 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
				Min	Max				Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax		DC	AC											

Brass body/Pipe mounting

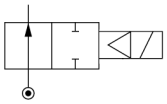
Normally closed



1 1/4	28	280	280	0.3	16	16	75	NBR	7321GBG76NMC	**E321G3810** 1	**2995**	**481865**	9	8	1860	2	11
	28	280	280	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1980	2	
1 1/2	40	420	420	0.3	10	16	75	NBR	7321GBG88NMC	**E321G3910** 1	**2995**	**481865**	9	8	2560	2	11
	40	420	420	0.3	8.5	16	75	NBR			**4270**	**481000**	8	8	2680	2	
	40	420	420	0.3	16	16	75	NBR			**4270**	**486265**	14	14	2700	2	
2	40	540	540	0.3	10	16	75	NBR	7321GBG99NMC	**E321G4010** 1	**2995**	**481865**	9	8	2900	2	11
	40	540	540	0.3	8.5	16	75	NBR			**4270**	**481000**	8	8	3040	2	
	40	540	540	0.3	16	16	75	NBR			**4270**	**486265**	14	14	3050	2	

Brass body/Pipe mounting

Normally open



3/4	20	135	135	0.3	16	16	75	NBR	7322GBG53NC0	**322G3610** 2	**2995**	**481865**	9	8	1430		11
	20	135	135	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1550		
1	25	185	185	0.3	16	16	75	NBR	7322GBG64NC0	**322G3710** 2	**2995**	**481865**	9	8	1230		11
	25	185	185	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1350		
1 1/4	28	270	270	0.3	16	16	75	NBR	7322GBG76NC0	**322G3810** 2	**2995**	**481865**	9	8	1860		11
	28	270	270	0.3	16	16	75	NBR			**4270**	**481000**	8	8	1980		
1 1/2	40	425	425	0.3	12	12	75	NBR	7322GBG88NC0	**322G3910** 2	**2995**	**481865**	9	8	2560		11
	40	425	425	0.3	12	12	75	NBR			**4270**	**481000**	8	8	2680		
2	40	540	540	0.3	12	12	75	NBR	7322GBG99NC0	**322G4010** 2	**2995**	**481865**	9	8	2900		11
	40	540	540	0.3	12	12	75	NBR			**4270**	**481000**	8	8	3040		

Notes:

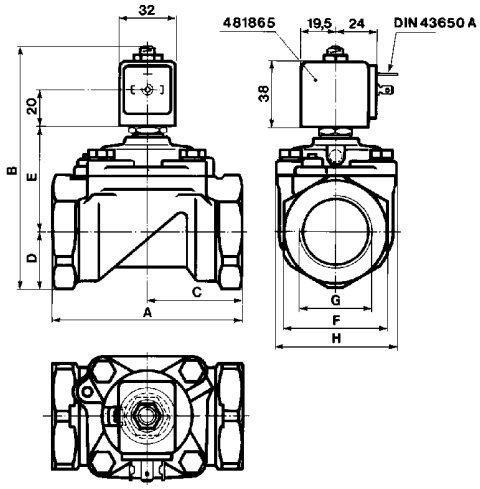
* See Electrical Parts Group table at end of section

1. Manual override and 4 position selector for controlled closure rate standard - without manual override and 4 position selector on request: same type witout suffix 10, e.g. : E321G36

2. 4 position selector for controlled closure rate standard

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Anti-water hammer valves 2/2 - Pilot operated



	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G37	100	121	50	23	54	41	1	70
G36	100	121	50	23	54	41	3/4	70
G38	110	137.5	55	33	60.5	60	1 1/4	99
G39	140	144	75	33	67	60	1 1/2	99
G40	150	158.5	80	41.5	73	75	2	99

Dimension reference 11

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CH-1227 Carouge-Genève

Electrical parts options with 2/2 anti-waterhammer valves for water and neutral liquids

El.part Group	Coil	Protection class	Protection class / Temperature class	Power DC	Power AC	Coil Order No.	Coil Ref. No.	Connection	Housing Order No.	Housing Ref. No.	Ambient temp. min.	Ambient temp. max.
1	**22 mm**	IP 65	**Class F**	2.5 W	2 W	DA01	**488980**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	2.5 W	2 W	DA02	**481045**	with DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA03	**481180**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA04	**481530**	with DIN plug	A0	**8993**	-40	50
		IP 65	**EEx m II T4**	5 W	4 W	VA01	**482605**	with 1500mm cable	00	**-**	-40	50
		IP 65	**EEx m II T5**	2.5 W	2 W	VA02	**482606**	with 1500mm cable	00	**-**	-40	50
2	**32 mm** (Std)	IP 65	**Class F**	9 W	8 W	DZ02	**481865**	for DIN plug	N1	**2995**	-40	50
		IP 65		9 W	8 W	DZ03	**482725**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class H**	9 W	8 W	DZ04	**492453**	for DIN plug	N1	**2995**	-40	50
		IP 65		9 W	8 W	DZ05	**492726**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class F, 50/60 Hz**	-	9 W	DZ06	**483510**	for DIN plug	N1	**2995**	-40	50
		IP 65		-	9 W	DZ07	**482635**	with DIN plug	N1	**2995**	-40	50
		IP 65	**EEx m II T4**	9 W	8 W	HZ05	**492670**	with 3000mm cable	00	**-**	-40	40
		IP 65	**Class H**	14 W	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
		IP 65		14 W	14 W	DZ09	**492727**	with DIN plug	N1	**2995**	-40	50
	50 mm (Std)	IP10 / IP 44	**Class F**	8 W	8 W	EZ01	**481000**	screw-terminals	E0	**4270**	-40	50
		IP10 / IP 44	**Class H**	8 W	8 W	EZ02	**485100**	screw-terminals	E0	**4270**	-40	50
		IP10 / IP 44	**Class H**	14 W	14 W	EZ92	**486265**	screw-terminals	E0	**4270**	-40	50
		IP 67	**Class F, M20x1.5**	8 W	8 W	EZ01	**481000**	screw-terminals	G1	**4538**	-40	50
		IP 65	**EEx m II T5/T4**	9 W	8 W	VZ01	**492070**	with 1500mm cable	00	**-**	-40	40/65
		IP 67	**EEx me II T4**	8 W	8 W	HZ06	**483371**	for cable connection	00	**-**	-40	65
		IP 66	**EEx me II T3/T4**	11 W	9 W	VZ03	**492190**	for cable connection	00	**-**	-40	75/40
3	**32 mm**	IP 65	**Class H**	-	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
4	**50 mm (impulse)**	IP10 / IP 44	**Class F**	-	11 W	MZ01	**484990**	screw-terminals	E1	**4269**	-40	50
		IP10 / IP 44	**Class F**	13 W	-	MZ02	**485400**	screw-terminals	E1	**4269**	-40	50
5	**50 mm**	IP 54	**EEx d IIC T4/T5/T6**	8 W	8 W	HZ08	**483250**	for cable 1/2 NPT	00	**-**	-40	80/75/60
6	**32 mm (Miniwatt)**	IP 65	**Class F**	1.6 W	-	DZ10	**482740**	for DIN plug	N1	**2995**	-40	50
		IP 65	**Class F**	1.6W	-	DZ11	**482745**	with DIN plug	N1	**2995**	-40	50
	50 mm (Miniwatt)	IP 67	**EEx me II T5**	2.5 W	-	VZ04	**491117**	for cable connection	00	**-**	-40	65
		IP 67	**EEx m II T5/T4**	2.5 W	2.5 W	VZ05	**492370**	with 1500mm cable	00	**-**	-40	40/65
		IP 66	**EEx me II T6/T5**	2.5 W	2.5 W	VZ06	**492390**	for cable connection	00	**-**	-40	40/75
7	**32 mm**	IP 65	**EEx ia II C T6**	0.4 W	-	DZ12	**483580.01**	for DIN plug	N1	**2995**	-40	55
		IP 65		0.4 W	-	DZ13	**483960.01**	with DIN plug	N1	**2995**	-40	55
	50 mm	IP 66	**EEx ia II C T6**	0.4 W	-	VZ07	**488650.01**	for cable connection	00	**-**	-40	65
		IP 67		0.4 W	-	VZ08	**488660.01**	with 2000mm cable	00	**-**	-40	65
		IP 65		0.4 W	-	VZ09	**488670.01**	with DIN plug	00	**-**	-40	65

Note: This table is indicative only. Please contact your distributor to confirm your selection.

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Hot water - steam valves 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	**Brass body**	**Normally closed**	1/4	3 to 5	10.0	72
			3/8	6	5.0	72
			1/2	8.5 to 11	4.0	72
	303 Stainless steel body		1/4	1.5 to 5	100.0	74
Magnalift	**Brass body**	**Normally closed**	3/8	15	10.0	76
			1/2	15	10.0	76
			3/4	15	10.0	76
			1	15 to 25	10.0	76
		Normally open	3/8	15	3.5	78
			1/2	15	3.5	78
			3/4	19	3.5	78
	303 Stainless steel body	**Normally closed**	3/8	15	7.0	78
			1/2	15	7.0	78
			3/4	15 to 19	7.0	78
		Normally open	3/8	16	8.5	78
			1/2	16	8.5	78
			3/4	19	8.5	78
Pilot operated	**Brass body**	**Normally closed**	1/4	12	12.0	80
			3/8	12 to 15	20.0	80
			1/2	12 to 15	12.0	80
			3/4	15 to 20	12.0	80
			1	18 to 27	12.0	80
			1 1/4	29 to 35	8.5	82
			1 1/2	32 to 40	8.5	82
			2	50	4.0	82
		Normally open	3/8	15	8.5	82
			1/2	16	8.5	82
			3/4	15	8.5	82
			1	27	8.5	82
			1 1/4	28	8.5	82
			1 1/2	31	8.5	82

Notes:
Direct operated and magnalift valves: pressure range from 0 to max pressure.
Pilot operated valves: pressure range from 0.3 to 0.5 bar to max. pressure (refer to tables).

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Hot water - steam valves

2/2

Applications

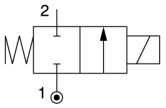
Hot water and steam valves are important elements in many industrial applications. They serve to control the flow of steam in various heating applications: steam cookers, autoclaves, air conditioning systems, car washing equipment and food processing equipment.
Note: The indicated max. pressures for steam are in bar abs.

Direct operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C		Seat disc	Reference numbers			OR	Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max		Water	Steam		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
G		kv	Qmax		DC	AC											

Brass body/Pipe mounting

Normally closed

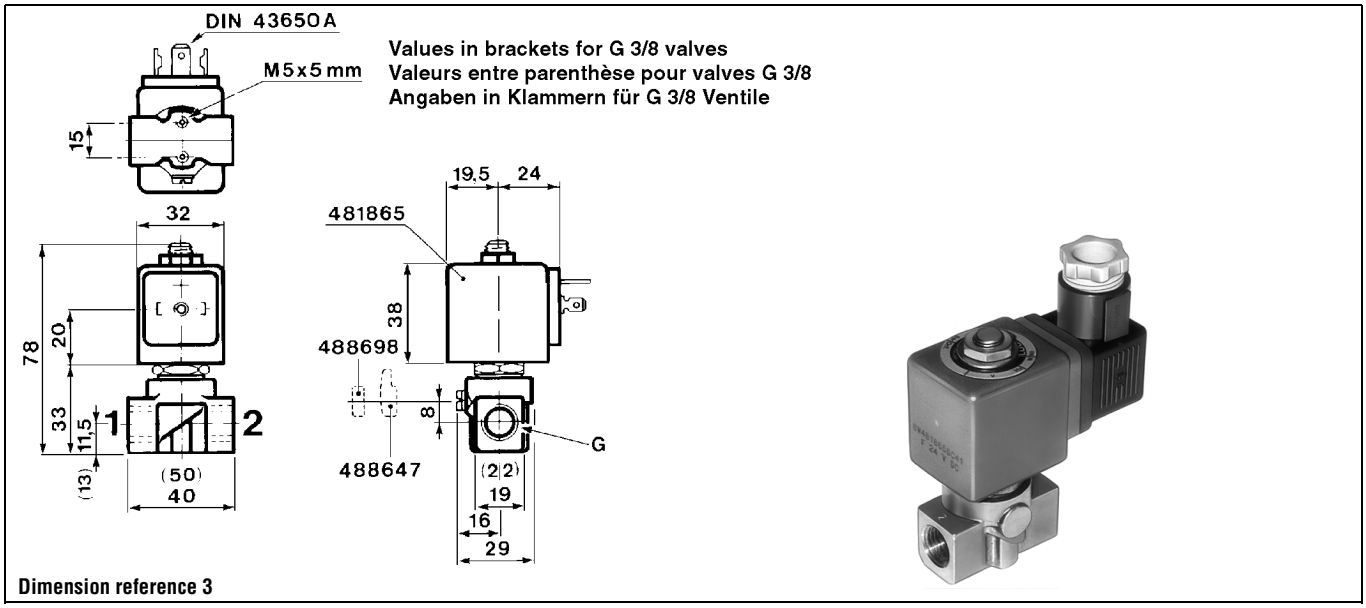


1/4	3	4.5	9	0	7	10	100	-	EPDM	7121KBG2NE00	**121K0323**	**2995**	**481865**	9	8	290	3
	3	4.5	9	0	8.5	10	120	-	EPDM	7121KBG2NE00		**4270**	**481000**	8	8	410	
	3	4.5	9	0	10	10	120	-	EPDM	7121KBG2NE00		**4270**	**486265**	14	14	420	
	3	4.5	9	0	4	4	-	140	EPDM	7121KBG2NES0		**4270**	**486265**	14	14	420	
	3	4.5	9	0	4	4	-	140	EPDM	7121KBG2NES0		**2995**	**492425**	14	14	300	
	5	11	11.5	0	2	7	100	-	EPDM	7121KBG2SE00	**121K0103**	**2995**	**481865**	9	8	290	3
	5	11	11.5	0	2.8	7	120	-	EPDM	7121KBG2SE00		**4270**	**481000**	8	8	410	
	5	11	11.5	0	5	7	120	-	EPDM	7121KBG2SE00		**4270**	**486265**	14	14	420	
	5	11	11.5	0	4	4	-	140	EPDM	7121KBG2SES0		**4270**	**486265**	14	14	420	
	5	11	11.5	0	3.5	4	-	140	EPDM	7121KBG2SES0		**2995**	**492425**	14	14	300	
3/8	6	12	12.5	0	1.1	5	100	-	EPDM	7121KBG3UE00	**121K3303**	**2995**	**481865**	9	8	340	3
	6	12	12.5	0	1.5	5	120	-	EPDM	7121KBG3UE00		**4270**	**481000**	8	8	460	
	6	12	12.5	0	3	5	120	-	EPDM	7121KBG3UE00		**4270**	**486265**	14	14	470	
	6	12	12.5	0	3	4	-	140	EPDM	7121KBG3UES0		**4270**	**486265**	14	14	470	
	6	12	12.5	0	2.5	4	-	140	EPDM	7121KBG3UES0		**2995**	**492425**	14	14	350	
1/2	8.5	25	15	0	0.5	2.2	120	-	EPDM	7121KBG42E00	**E121K4603**	**4270**	**481000**	8	8	550	7
	8.5	25	15	0	1.2	4	120	-	EPDM	7121KBG42E00		**4270**	**486265**	14	14	560	
	8.5	25	15	0	2.2	4	-	140	EPDM	7121KBG42ES0		**4270**	**486265**	14	14	560	
	8.5	25	15	0	2	4	-	140	EPDM	7121KBG42ES0		**2995**	**492425**	14	14	440	
	11	36	20	0	0.35	1.2	120	-	EPDM	7121KBG44E00	**E121K4503**	**4270**	**481000**	8	8	550	7
	11	36	20	0	-	2	-	140	EPDM	7121KBG44ES0		**4270**	**486265**	14	14	560	
	11	36	20	0	0.7	2.5	120	-	EPDM	7121KBG44E00		**4270**	**486265**	14	14	560	
	11	36	20	0	-	2.5	-	140	EPDM	7121KBG44ES0		**2995**	**492425**	14	14	440	

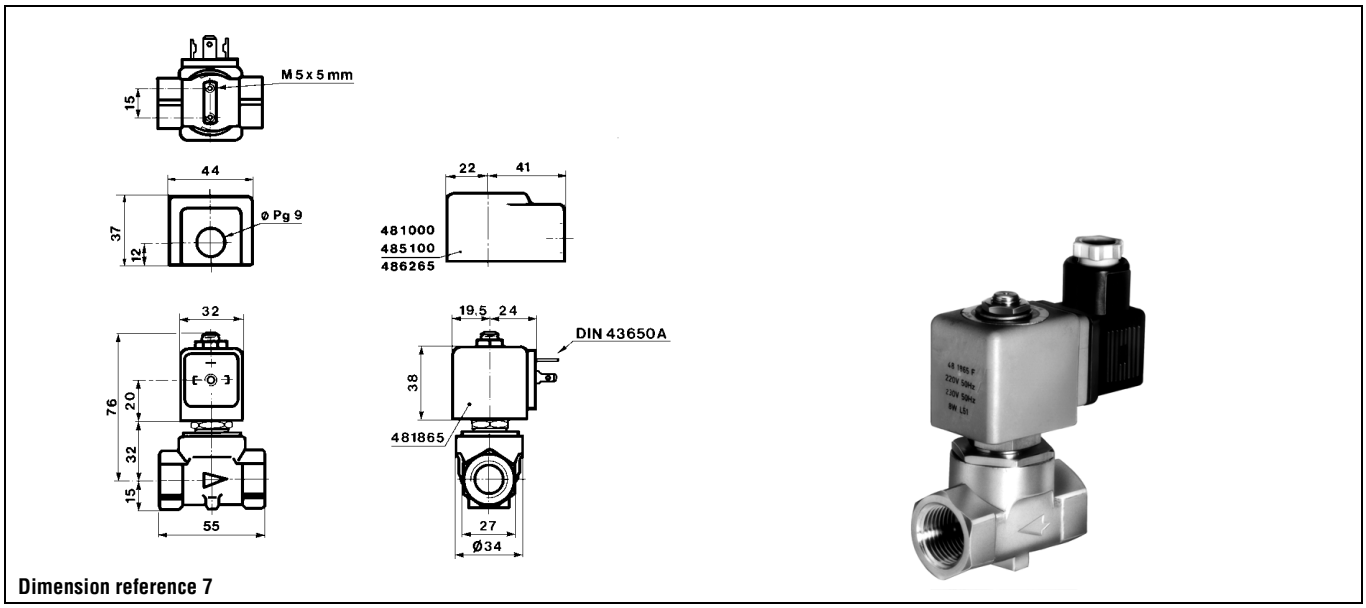
Table continued on page 74

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Hot water - steam valves 2/2 - Direct operated



Dimension reference 3



Dimension reference 7

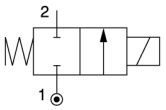
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Hot water - steam valves 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C		Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max		Water	Steam		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
G		kv	Qmax		DC	AC											

303 Stainless steel body/Pipe mounting

Normally closed



1/4	1.5	1.5	15	0	25	60	100	-	Ruby	7121VVG2GR00	**121V5463**	**2995**	**481865**	9	8	410	6
	1.5	1.5	15	0	30	75	130	-	Ruby	7121VVG2GR00		**4270**	**481000**	8	8	530	
	1.5	1.5	15	0	55	100	140	-	Ruby	7121VVG2GR00		**4270**	**486265**	14	14	540	
	1.5	1.5	15	0	30	75	-	180	Ruby	7121VVG2GRS0		**4270**	**486265**	14	14	540	
	1.5	1.5	15	0	25	60	-	180	Ruby	7121VVG2GRS0		**2995**	**492425**	14	14	420	
	2.5	3.5	25	0	10	28	100	-	Ruby	7121VVG2LR00	**121V5763**	**2995**	**481865**	9	8	410	6
	2.5	3.5	25	0	12	34	130	-	Ruby	7121VVG2LR00		**4270**	**481000**	8	8	530	
	2.5	3.5	25	0	12	34	-	180	Ruby	7121VVG2LRS0		**4270**	**486265**	14	14	540	
	2.5	3.5	25	0	22	50	140	-	Ruby	7121VVG2LR00		**4270**	**486265**	14	14	540	
	2.5	3.5	25	0	10	28	-	180	Ruby	7121VVG2LRS0		**2995**	**492425**	14	14	420	
	3	4.5	27	0	7	20	100	-	Ruby	7121VVG2NR00	**121V5363**	**2995**	**481865**	9	8	410	6
	3	4.5	27	0	8.5	25	130	-	Ruby	7121VVG2NR00		**4270**	**481000**	8	8	530	
	3	4.5	27	0	15	36	140	-	Ruby	7121VVG2NR00		**4270**	**486265**	14	14	540	
	3	4.5	27	0	8.5	25	-	180	Ruby	7121VVG2NRS0		**4270**	**486265**	14	14	540	
	3	4.5	27	0	7	20	-	180	Ruby	7121VVG2NRS0		**2995**	**492425**	14	14	420	
	4	7	35	0	4	12	100	-	Ruby	7121VVG2QR00	**121V5263**	**2995**	**481865**	9	8	410	6
	4	7	35	0	5	15	130	-	Ruby	7121VVG2QR00		**4270**	**481000**	8	8	530	
	4	7	35	0	10	22	130	-	Ruby	7121VVG2QR00		**4270**	**486265**	14	14	540	
	4	7	35	0	5	15	-	180	Ruby	7121VVG2QRS0		**4270**	**486265**	14	14	540	
	4	7	35	0	4	12	-	180	Ruby	7121VVG2QRS0		**2995**	**492425**	14	14	420	
	5	10	40	0	2	8.5	100	-	Ruby	7121VVG2SR00	**121V5163**	**2995**	**481865**	9	8	410	6
	5	10	40	0	3.5	10	130	-	Ruby	7121VVG2SR00		**4270**	**481000**	8	8	530	
	5	10	40	0	6.5	14	140	-	Ruby	7121VVG2SR00		**4270**	**486265**	14	14	540	
	5	10	40	0	3.5	10	-	180	Ruby	7121VVG2SRS0		**4270**	**486265**	14	14	540	
	5	10	40	0	2	8.5	-	180	Ruby	7121VVG2SRS0		**2995**	**492425**	14	14	420	

Parker Lucifer SA
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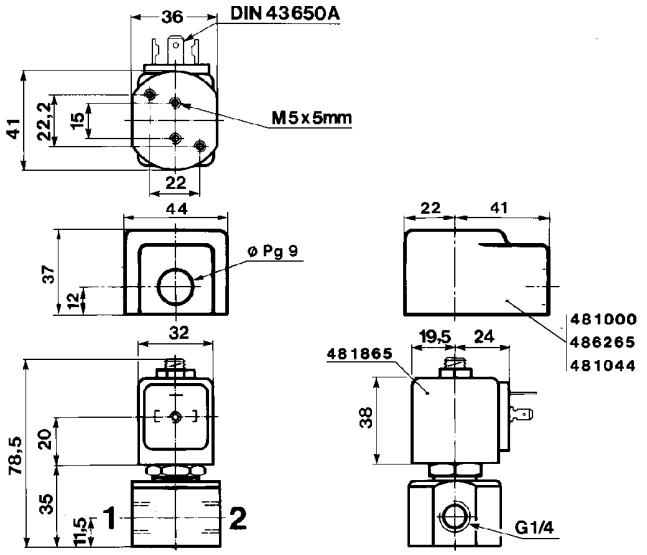
CH-1227 Carouge-Genève

Hot water - steam valves 2/2 - Direct operated



Dimension reference 6

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Hot water - steam valves

2/2

Applications

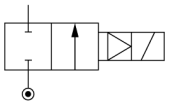
Magnalift valves are recommended in applications where the minimum pressure cannot be held at a sufficient level, i.e. where the effective supply pressure may be zero. This concerns applications like filling/emptying tanks by gravity and any other applications with a minimum pressure of zero.
Note: The indicated max. pressures for steam are in bar abs.

Magnalift

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C		Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max		Water	Steam		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
G		kv	Qmax		DC	AC											

Brass body/Pipe mounting

Normally closed



3/8	15	65	65	0	-	10	100	-	EPDM	7221GBG3VE00	**221G1303**	**2995**	**481865**	-	8	630	10
	15	65	65	0	-	10	120	-	EPDM	7221GBG3VE00		**4270**	**481000**	-	8	750	
	15	65	65	0	7	10	120	-	EPDM	7221GBG3VE00		**4270**	**486265**	14	14	760	
	15	65	65	0	4	4	-	140	EPDM	7221GBG3VES0		**4270**	**486265**	14	14	760	
	15	65	65	0	4	4	-	140	EPDM	7221GBG3VES0		**2995**	**492425**	14	14	640	
1/2	15	65	65	0	-	10	100	-	EPDM	7221GBG4VE00	**221G1503**	**2995**	**481865**	-	8	640	10
	15	65	65	0	-	10	120	-	EPDM	7221GBG4VE00		**4270**	**481000**	-	8	760	
	15	65	65	0	7	10	120	-	EPDM	7221GBG4VE00		**4270**	**486265**	14	14	770	
	15	65	65	0	4	4	-	140	EPDM	7221GBG4VES0		**4270**	**486265**	14	14	770	
	15	65	65	0	4	4	-	140	EPDM	7221GBG4VES0		**2995**	**492425**	14	14	650	
3/4	15	80	80	0	-	10	100	-	EPDM	7221GBG51E00	**221G1603**	**2995**	**481865**	-	8	670	10
	15	80	80	0	-	10	120	-	EPDM	7221GBG51E00		**4270**	**481000**	-	8	790	
	15	80	80	0	7	10	120	-	EPDM	7221GBG51E00		**4270**	**486265**	14	14	800	
	15	80	80	0	4	4	-	140	EPDM	7221GBG51ES0		**4270**	**486265**	14	14	800	
	15	80	80	0	4	4	-	140	EPDM	7221GBG51ES0		**2995**	**492425**	14	14	680	
1	15	80	80	0	-	10	100	-	EPDM	7221GBG61E00	**221G1703**	**2995**	**481865**	-	8	810	10
	15	80	80	0	-	10	120	-	EPDM	7221GBG61E00		**4270**	**481000**	-	8	930	
	15	80	80	0	7	10	120	-	EPDM	7221GBG61E0O		**4270**	**486265**	14	14	940	
	15	80	80	0	4	4	-	140	EPDM	7221GBG61ES0		**4270**	**486265**	14	14	940	
	15	80	80	0	4	4	-	140	EPDM	7221GBG61ES0		**2995**	**492425**	14	14	820	
	25	160	160	0	-	10	100	-	EPDM	7221GBG64E00	**221G2103**	**2995**	**481865**	-	8	1170	10
	25	160	160	0	-	10	120	-	EPDM	7221GBG64E00		**4270**	**481000**	-	8	1290	
	25	160	160	0	7	10	120	-	EPDM	7221GBG64E00		**4270**	**486265**	14	14	1300	
	25	160	160	0	4	4	-	140	EPDM	7221GBG64ES0		**4270**	**486265**	14	14	1300	
	25	160	160	0	4	4	-	140	EPDM	7221GBG64ES0		**2995**	**492425**	14	14	1180	

Table continued on page 78

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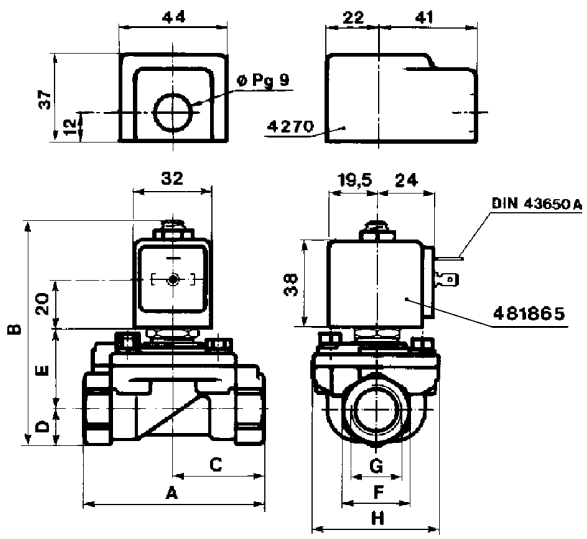
Fluid Control Division Europe
CH-1227 Carouge-Genève

Hot water - steam valves 2/2 - Magnalift



Dimension reference 10

	A mm	B mm	C mm	D mm	E mm	F mm	G inch	H mm
G15/25	75	93	37.5	15	34	27	1/2	53
G13/23	75	93	37.5	15	34	27	3/8	53
G16/26	80	95.5	40	17.5	34	32	3/4	53
G17/27	85	102.5	42.5	22.5	36	41	1	53
G21	100	108	50	23	41	41	1	70

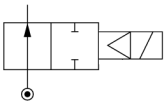
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Hot water - steam valves 2/2 - Magnalift

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C		Seat disc	Reference numbers			OR	Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max		Water	Steam		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
G		kv	Qmax		DC	AC											

Brass body/Pipe mounting

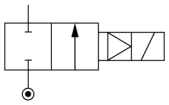
Normally open



3/8	15	43	43	0	-	3.5	-	145	EPDM	72228BG3TES0	**222G3303**	**4270**	**486265**	-	14	940	102
	15	43	43	0	8.5	8.5	100	-	EPDM	72228BG3TE00		**4270**	**486265**	14	14	940	
1/2	15	58	58	0	-	3.5	-	145	EPDM	72228BG4UES0	**222G3503**	**4270**	**486265**	-	14	940	102
	15	58	58	0	8.5	8.5	100	-	EPDM	72228BG4UE00		**4270**	**486265**	14	14	940	
3/4	19	72	-	0	-	3.5	-	145	EPDM	72228BG5VES0	**222G3603**	**4270**	**486265**	-	14	940	102
	19	72	72	0	8.5	8.5	100	-	EPDM	72228BG5VE00		**4270**	**486265**	14	14	940	

303 Stainless steel body/Pipe mounting

Normally closed



3/8	15	42	-	0	-	7	85	-	EPDM	72218RG3TE00	**221G5303**	**4270**	**481000**	-	8	1050	102
	15	42	-	0	3.8	4	-	145	EPDM	72218RG3TES0		**4270**	**486265**	14	14	1060	
	15	42	-	0	2.8	7	100	-	EPDM	72218RG3TE00		**4270**	**486265**	14	14	1060	
	15	42	-	0	-	4	-	145	EPDM	72218RG3TES0		**2995**	**492425**	-	14	1060	
1/2	15	54	54	0	-	7	85	-	EPDM	72218RG4UE00	**221G5503**	**4270**	**481000**	-	8	1050	102
	15	54	54	0	3.8	4	-	145	EPDM	72218RG4UES0		**4270**	**486265**	-	14	1060	
	15	54	54	0	2.8	7	100	-	EPDM	72218RG4UE00		**4270**	**486265**	14	14	1060	
	15	54	54	0	-	4	-	140	EPDM	72218RG4UES0		**2995**	**492425**	-	14	1060	
3/4	15	71	71	0	2.8	7	100	-	EPDM	72218RG5VE00	**221G5603**	**4270**	**486265**	14	14	1060	102
	19	71	71	0	-	7	85	-	EPDM	72218RG5VE00		**4270**	**481000**	-	8	1050	102
	19	71	71	0	3.8	4	-	145	EPDM	72218RG5VES0		**4270**	**486265**	14	14	1060	
	19	71	71	0	-	4	-	145	EPDM	72218RG5VES0		**2995**	**492425**	-	14	1060	

303 Stainless steel body/Pipe mounting

Normally open

3/8	16	43	43	0	8.5	8.5	100	-	EPDM	72228RG3TE00	**222G5303**	**4270**	**486265**	14	14	1060	102
	16	43	43	0	-	3.5	-	145	EPDM	72228RG3TES0		**4270**	**486265**	-	14	1060	
1/2	16	58	58	0	8.5	8.5	100	-	EPDM	72228RG4UE00	**222G5503**	**4270**	**486265**	14	14	1060	102
	16	58	58	0	-	3.5	-	145	EPDM	72228RG4UES0		**4270**	**486265**	-	14	1060	
3/4	19	72	72	0	8.5	8.5	100	-	EPDM	72228RG5VE00	**222G5603**	**4270**	**486265**	14	14	1060	102
	19	72	72	0	-	3.5	-	145	EPDM	72228RG5VES0		**4270**	**486265**	-	14	1060	

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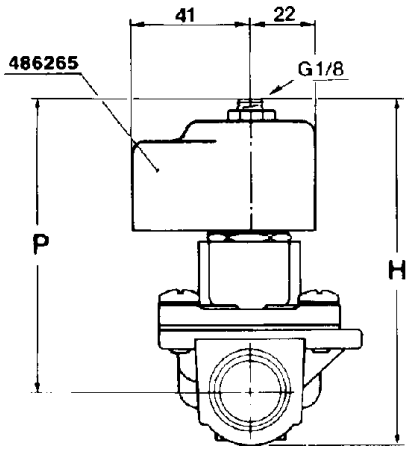
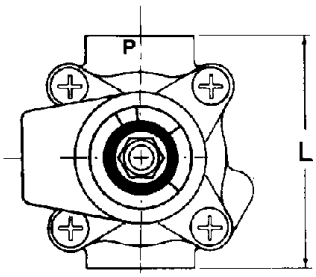
CH-1227 Carouge-Genève

Hot water - steam valves 2/2 - Magnalift





	H mm	P mm	L mm
221G53../222G33..	103	89	67
221G55../222G35..	103	89	67
221G56../222G36..	103	89	69

Dimension reference 102

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Hot water - steam valves

2/2

Applications

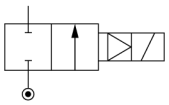
Pilot operated valves are ideally suited to shut-off applications of liquids with high flow and pressure.
A minimum operating pressure is required: refer to tables.
Note: The indicated max. pressures for steam are in bar abs.

Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C		Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max		Water	Steam		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
G		kv	Qmax		DC	AC											

Brass body/Pipe mounting

Normally closed



1/4	12	30	30	0.3	12	12	120	-	EPDM	7321KBG2SEW0	**321K4103** 1	**4270**	**481000**	8	8	610	73
	12	30	30	0.3	12	12	100	-	EPDM	7321KBG2SEW0		**2995**	**482730**	7	6	490	
3/8	12	45	45	0.3	12	12	120	-	EPDM	7321KBG3TEW0	**321K4303** 1	**4270**	**481000**	8	8	610	73
	12	45	45	0.3	12	12	100	-	EPDM	7321KBG3TEW0		**2995**	**482730**	7	6	490	
	13	50	50	0.1	20	20	140	140	EPDM	7321BBG3TE00	-	**4270**	**486265**	14	14	560	1000
	15	42	42	0.3	-	8.5	-	180	PTFE	73218BG3TTS0	**321G8312**	**4270**	**486265**	-	14	960	97
1/2	12	50	50	0.3	12	12	120	-	EPDM	7321KBG4TEW0	**321K4503** 1	**4270**	**481000**	8	8	610	73
	12	50	50	0.3	12	12	100	-	EPDM	7321KBG4TEW0		**2995**	**482730**	7	6	490	
	13	140	140	0.1	4	4	140	140	EPDM	7321BBG4TE00	-	**4270**	**486265**	14	14	590	1000
	15	56	56	0.3	-	8.5	-	180	PTFE	73218BG4UTS0	**321G8512**	**4270**	**486265**	-	14	960	97
3/4	15	64	64	0.3	-	8.5	-	180	PTFE	73218BG5VTS0	**321G8612**	**4270**	**486265**	-	14	960	97
	18	100	100	0.3	12	12	120	-	EPDM	7321KBG51EW0	**321K4603** 1	**4270**	**481000**	8	8	820	73
	18	100	100	0.3	12	12	100	-	EPDM	7321KBG51EW0		**2995**	**482730**	7	6	700	
	20	140	140	0.1	4	4	140	140	EPDM	7321BBG53E00	-	**4270**	**486265**	14	14	1050	1000
1	18	110	110	0.3	12	12	120	-	EPDM	7321KBG62EW0	**321K4703** 1	**4270**	**481000**	8	8	965	73
	18	110	110	0.3	12	12	100	-	EPDM	7321KBG62EW0		**2995**	**482730**	7	6	845	
	25	160	160	0.1	4	4	140	140	EPDM	7321BBG64E00	-	**4270**	**486265**	14	14	1110	1000

Table continued on page 82

Notes:

1. Anti-waterhammer valve

Parker Lucifer SA
Fluid Control Division Europe
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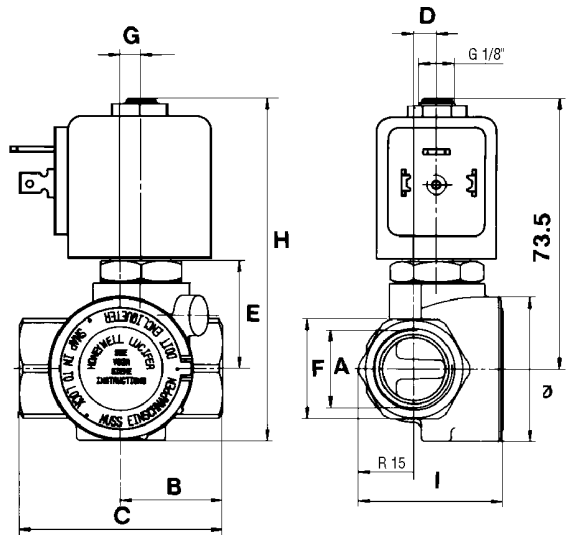
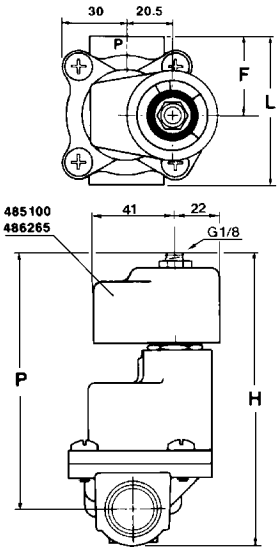
Hot water - steam valves 2/2 - Pilot operated



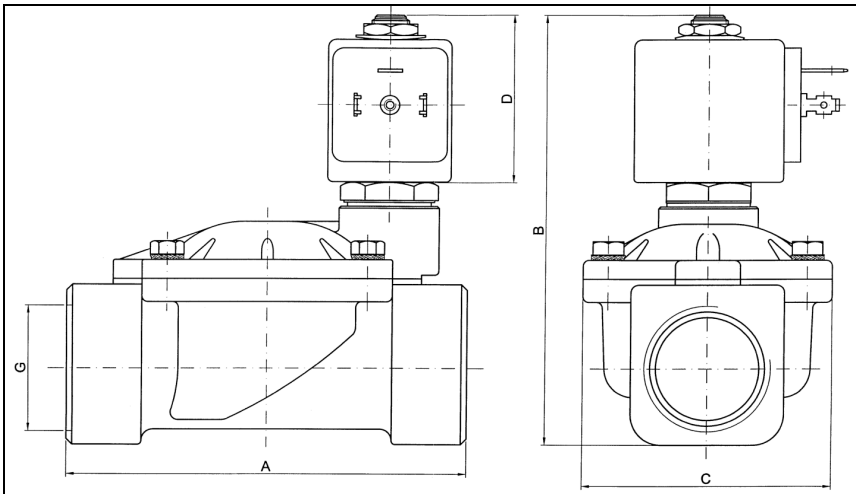
	A inch	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	Dia. mm
K41	1/4	25	50	6.2	29	27	5.5	93.5	39	73.5	40
K43	3/8	25	50	6.2	29	27	5.5	93.5	39	73.5	40
K45	1/2	27.5	55	6.2	29	27	5.5	93.5	39	73.5	40
K46	3/4	40	80	9	36.5	32	8	109	46	81	56
K47	1	42.5	85	14.2	36.5	41	8	109	56	81	56

Dimension reference 73



	H mm	P mm	L mm	F mm
321G8312	130	117	68	36
321G8512	130	117	68	36
321G8612	135	119	70	37
322G8312	136	123	68	36
322G8512	136	123	68	36
322G8612	142	125	70	37

Dimension reference 97



Size

G	A mm	B mm	C mm	D mm
3/8	69	99.5	40	44
1/2	72	101.5	40	44
3/4	100	107	65	44
1	104	112.5	65	44
1 1/4	145	134	102	44
1 1/2	145	134	102	44
2	173	148	118	44
2 1/2	245	195	184	44
3	250	195	184	44

Dimension reference 1000

Parker Lucifer SA
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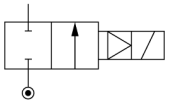
CH-1227 Carouge-Genève

Hot water - steam valves 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C		Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max		Water	Steam		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
G		kv	Qmax		DC	AC											

Brass body/Pipe mounting

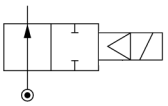
Normally closed



1	27	195	195	0.35	-	8.5	-	180	PTFE	73218BG64TS0	**321G8712**	**4270**	**486265**	-	14	4240	98
1 1/4	29	230	230	0.35	-	8.5	-	180	PTFE	73218BG75TS0	**321G8812**	**4270**	**486265**	-	14	4240	98
	35	420	420	0.1	4	4	140	140	EPDM	7321BBG78E00	**-**	**4270**	**486265**	14	14	3120	1000
1 1/2	32	320	320	0.35	-	8.5	-	180	PTFE	73218BG87TS0	**321G8912**	**4270**	**486265**	-	14	4240	98
	40	500	500	0.1	4	4	140	140	EPDM	7321BBG88E00	**-**	**4270**	**486265**	14	14	2870	1000
2	50	620	620	0.1	4	4	140	140	EPDM	7321BBG99E00		**4270**	**486265**	14	14	4260	1000

Brass body/Pipe mounting

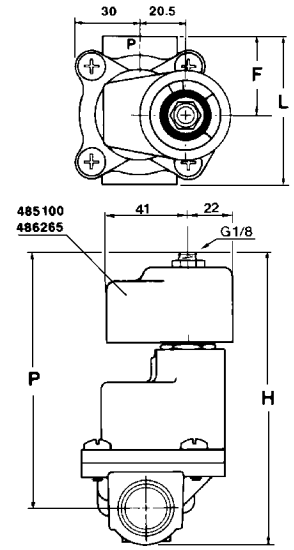
Normally open



3/8	15	42	42	0.35	-	8.5	-	180	PTFE	73228BG3TTS0	**322G8312**	**4270**	**486265**	-	14	960	97
1/2	16	56	56	0.35	-	8.5	-	180	PTFE	73228BG4UTS0	**322G8512**	**4270**	**486265**	-	14	960	97
3/4	15	64	64	0.35	-	8.5	-	180	PTFE	73228BG52TS0	**322G8612**	**4270**	**486265**	-	14	960	97
1	27	195	195	0.35	-	8.5	-	180	PTFE	73228BG64TS0	**322G8712**	**4270**	**486265**	-	14	4240	98
1 1/4	28	230	230	0.35	-	8.5	-	180	PTFE	73228BG75TS0	**322G8812**	**4270**	**486265**	-	14	4240	98
1 1/2	31	320	320	0.35	-	8.5	-	180	PTFE	73228BG87TS0	**322G8912**	**4270**	**486265**	-	14	4240	98

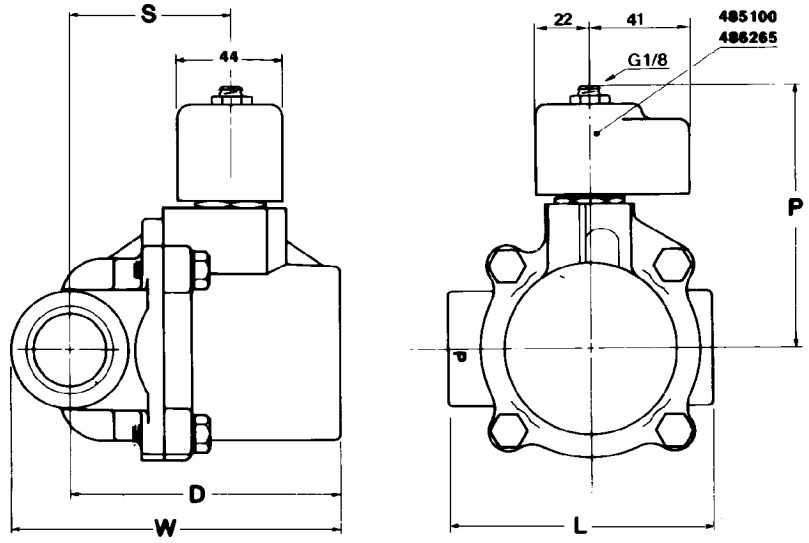
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Hot water - steam valves 2/2 - Pilot operated



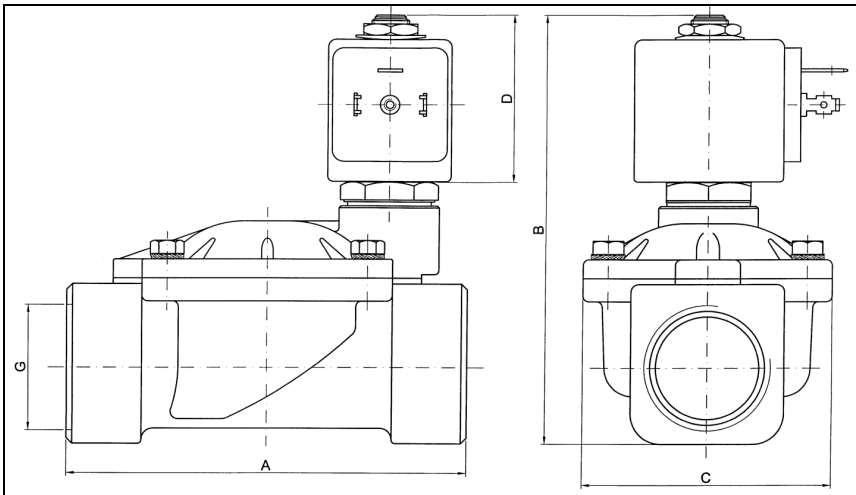
	H mm	P mm	L mm	F mm
321G8312	130	117	68	36
321G8512	130	117	68	36
321G8612	135	119	70	37
322G8312	136	123	68	36
322G8512	136	123	68	36
322G8612	142	125	70	37

Dimension reference 97



	W mm	D mm	S mm	P mm	L mm
321G8712	116	94	61	101	98
321G8812	124	98	64	101	98
321G8912	138	109	78	104	114
322G8712	116	94	61	107	98
322G8812	124	98	64	107	98
322G8912	138	109	78	110	114

Dimension reference 98



Size

G	A mm	B mm	C mm	D mm
3/8	69	99.5	40	44
1/2	72	101.5	40	44
3/4	100	107	65	44
1	104	112.5	65	44
1 1/4	145	134	102	44
1 1/2	145	134	102	44
2	173	148	118	44
2 1/2	245	195	184	44
3	250	195	184	44

Dimension reference 1000

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Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for oil (hydraulic) and neutral liquids (max. 100 bar) 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	**Brass body**	**Normally closed**	1/8	1.5 to 2.5	70.0	86
			1/4	1.2 to 3	100.0	86
			SB	1.5 to 3	100.0	88
		Normally open	1/8	2.5	30.0	88
			1/4	1.5 to 2.5	40.0	88
Pilot operated	**Brass body**	**Normally closed**	1/4	8	40.0	90
			3/8	11	40.0	90
			1/2	14.5	40.0	90
			SB	14	40.0	92
		Normally open	1/4	8	40.0	90
			3/8	11	40.0	92
			1/2	14.5	40.0	92
			SB	14	40.0	92

Notes:
Direct operated valves: pressure range from 0 to max pressure.
Pilot operated valves: pressure range from 0.3 to 0.5 bar to max. pressure (refer to tables).

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

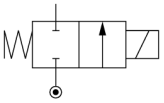
Valves for oil (hydraulic) and neutral liquids (max. 100 bar)

2/2

Direct operated

Brass body/Pipe mounting

Normally closed



Port size G	Orifice (mm)	Flow factors (L/min) kv	Flow factors (L/min) Qmax	Admissible differential pressure bar Min	Admissible differential pressure bar Max DC	Admissible differential pressure bar Max AC	Fluid temp. °C	Seat disc	Reference numbers Global valve reference	Reference numbers Valve reference no.	Reference numbers Housing	Reference numbers OR Coil	Power consumption (W) DC	Power consumption (W) AC	Wt. (g)	El. Part Group *	Dim ref.
1/8	1.5	1.5	12.5	0	25	60	75	PCTFE	7121KBG1GF00	**E121K14**	**2995**	**481865**	9	8	300	2	3
	1.5	1.5	12.5	0	30	70	75	PCTFE			**4270**	**481000**	8	8	420	2	
	1.5	1.5	12.5	0	55	70	75	PCTFE			**4270**	**486265**	14	14	430		
	2.5	3.5	25	0	10	28	100	Ruby	7121KBG1LR00	**E121K23**	**2995**	**481865**	9	8	300	2	3
	2.5	3.5	25	0	12	34	130	Ruby			**4270**	**481000**	8	8	420	2	
	2.5	3.5	25	0	22	50	120	Ruby			**4270**	**486265**	14	14	430		
1/4	1.2	0.85	8.5	0	36	80	100	Ruby	7121KBG2ER00	**E121K65**	**2995**	**481865**	9	8	290		3
	1.2	0.85	8.5	0	43	100	130	Ruby			**4270**	**481000**	8	8	410		
	1.2	0.85	8.5	0	75	100	120	Ruby			**4270**	**486265**	14	14	420		
	1.5	1.5	12.5	0	25	60	75	PCTFE	7121KBG2GF00	**E121K04**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	12.5	0	30	70	75	PCTFE			**4270**	**481000**	8	8	410	2	
	1.5	1.5	12.5	0	55	70	75	PCTFE			**4270**	**486265**	14	14	420		
	1.5	1.5	15	0	25	60	100	Ruby	7121KBG2GR00	**E121K67**	**2995**	**481865**	9	8	290		3
	1.5	1.5	15	0	30	75	130	Ruby			**4270**	**481000**	8	8	410		
	1.5	1.5	15	0	55	100	120	Ruby			**4270**	**486265**	14	14	420		
	2.5	3.5	25	0	10	28	100	Ruby	7121KBG2LR00	**E121K63**	**2995**	**481865**	9	8	290		3
	2.5	3.5	25	0	12	34	130	Ruby			**4270**	**481000**	8	8	410		
	2.5	3.5	25	0	22	50	120	Ruby			**4270**	**486265**	14	14	420		
	3	4.5	27	0	7	20	75	PCTFE	7121KBG2NF00	**E121K03**	**2995**	**481865**	9	8	290	2	3
	3	4.5	27	0	8.5	25	75	PCTFE			**4270**	**481000**	8	8	410	2	
	3	4.5	27	0	15	36	75	PCTFE			**4270**	**486265**	14	14	420		
	3	4.5	27	0	7	20	100	Ruby	7121KBG2NR00	**E121K64**	**2995**	**481865**	9	8	290		3
	3	4.5	27	0	8.5	25	130	Ruby			**4270**	**481000**	8	8	410		
	3	4.5	27	0	15	36	120	Ruby			**4270**	**486265**	14	14	420		

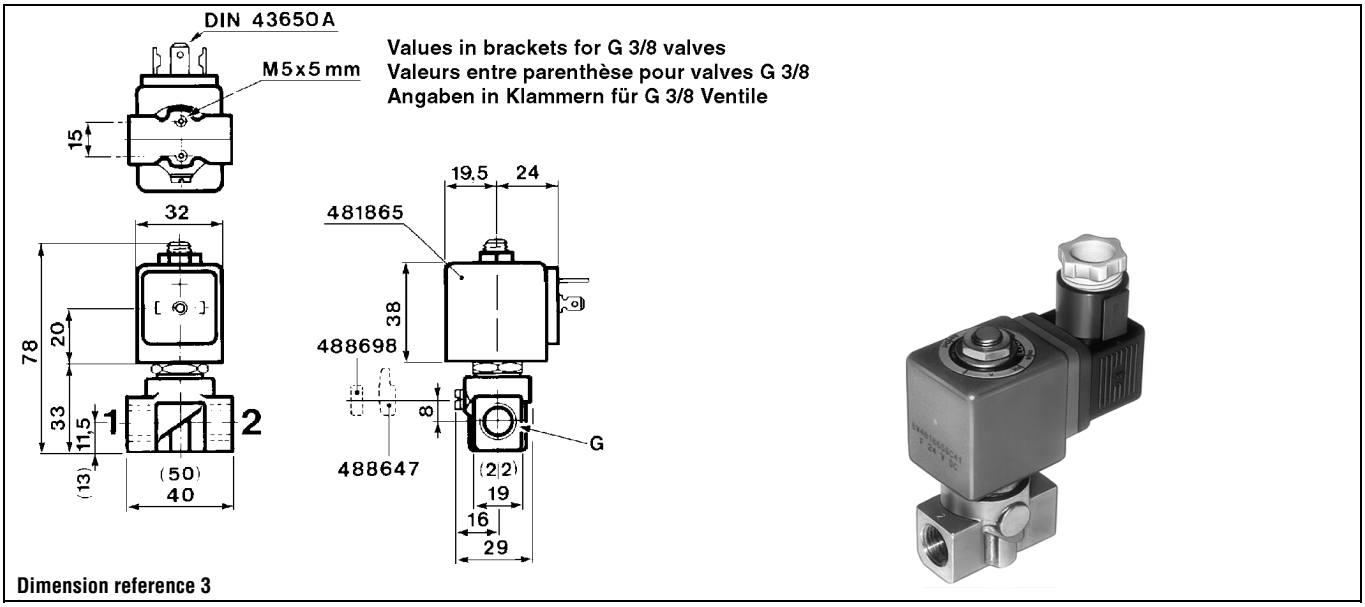
Table continued on page 88

Notes:

* See Electrical Parts Group table at end of section

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for oil (hydraulic) and neutral liquids 2/2 - Direct operated



Dimension reference 3

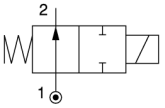
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for oil (hydraulic) and neutral liquids 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
				Min	Max							OR					
G		kv	Qmax		DC	AC			Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

Brass body/Pipe mounting

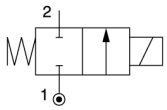
Normally open



1/8	2.5	3.5	-	0	-	30	140	Ruby	7122KBG1LR00	**122K9363**	**4270**	**481044**	-	14	445		4
	2.5	3.5	-	0	30	30	140	Ruby			**4270**	**486265**	14	14	455		
1/4	1.5	1.5	8	0	30	30	100	PCTFE	7122KBG2GF00	**122K84**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	8	0	30	30	120	PCTFE			**4270**	**481000**	8	8	410	2	
	1.5	1.5	9.5	0	40	40	100	Ruby	7122KBG2GR00	**122K8408**	**2995**	**481865**	9	8	290	2	3
	1.5	1.5	9.5	0	40	40	130	Ruby			**4270**	**481000**	8	8	410	2	
	2.5	3.5	-	0	-	30	140	Ruby	7122KBG2LR00	**122K8363**	**4270**	**481044**	-	14	425		4
	2.5	3.5	-	0	30	30	140	Ruby			**4270**	**486265**	14	14	435		

Brass body/Sub-base mounting

Normally closed



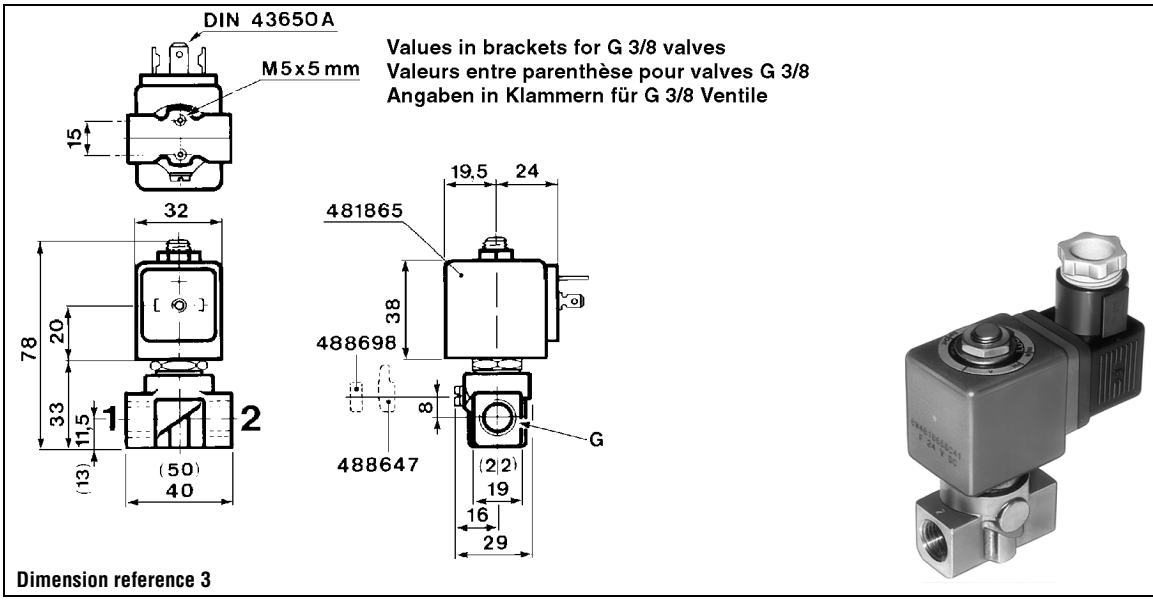
SB	1.5	1.5	12.5	0	25	60	75	PCTFE	7121FBF4GF00	**E121F44**	**2995**	**481865**	9	8	250	2	12
	1.5	1.5	12.5	0	30	70	75	PCTFE			**4270**	**481000**	8	8	370	2	
	1.5	1.5	12.5	0	55	70	75	PCTFE			**4270**	**486265**	14	14	380	2	
	1.5	1.5	15	0	25	60	100	Ruby	7121FBF4GR00	**121F67**	**2995**	**481865**	9	8	255	2	12
	1.5	1.5	15	0	30	75	130	Ruby			**4270**	**481000**	8	8	375	2	
	1.5	1.5	15	0	55	100	120	Ruby			**4270**	**486265**	14	14	385	2	
	2.5	3.5	25	0	10	28	100	Ruby	7121FBF4LR00	**121F63**	**2995**	**481865**	9	8	255	2	12
	2.5	3.5	25	0	12	34	130	Ruby			**4270**	**481000**	8	8	375	2	
	2.5	3.5	25	0	22	50	120	Ruby			**4270**	**486265**	14	14	385	2	
	3	4.5	27	0	7	20	75	PCTFE	7121FBF4NF00	**E121F43**	**2995**	**481865**	9	8	250	2	12
	3	4.5	27	0	8.5	25	75	PCTFE			**4270**	**481000**	8	8	370	2	
	3	4.5	27	0	15	36	75	PCTFE			**4270**	**486265**	14	14	380	2	
	3	4.5	27	0	7	20	100	Ruby	7121FBF4NR00	**121F64**	**2995**	**481865**	9	8	255	2	12
	3	4.5	27	0	8.5	25	130	Ruby			**4270**	**481000**	8	8	375	2	
	3	4.5	27	0	15	36	120	Ruby			**4270**	**486265**	14	14	385	2	

Notes:

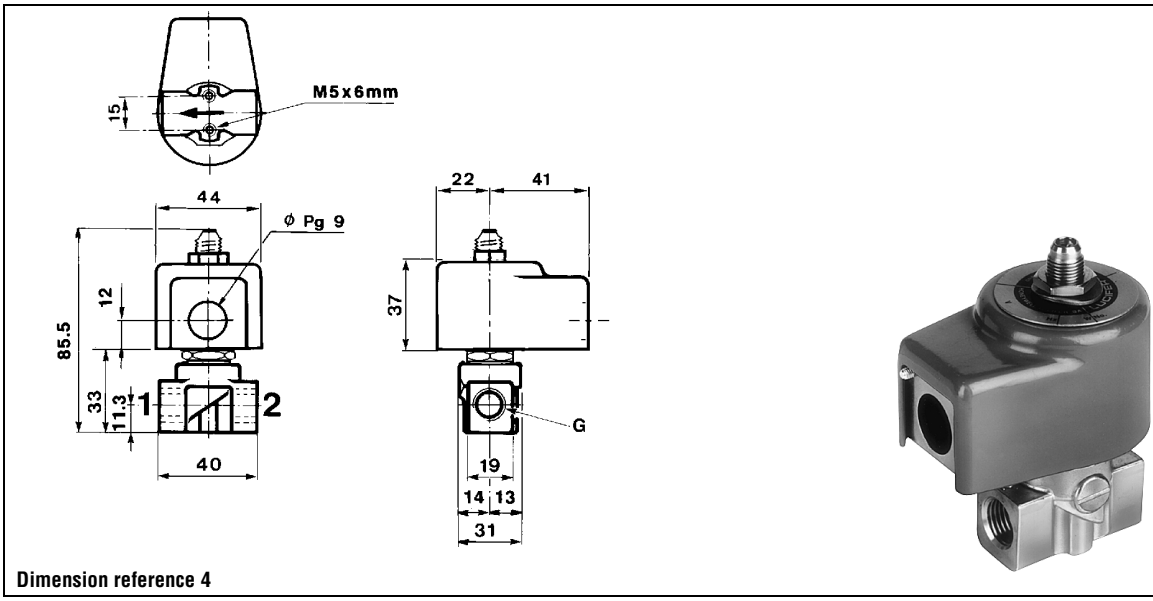
* See Electrical Parts Group table at end of section

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

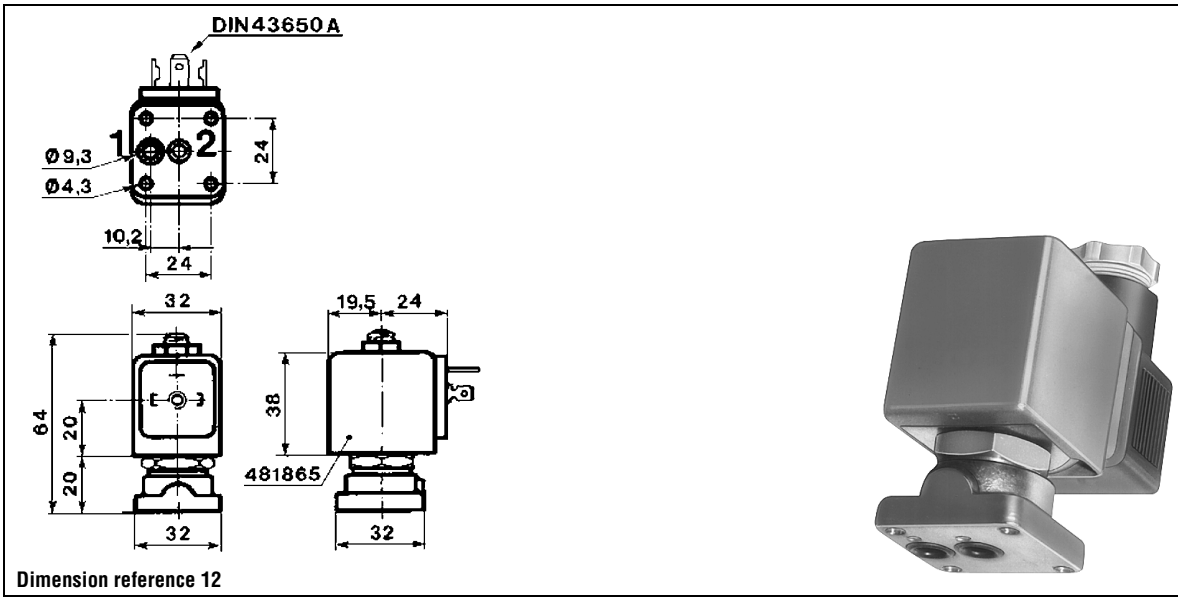
Valves for oil (hydraulic) and neutral liquids 2/2 - Direct operated



Dimension reference 3



Dimension reference 4



Dimension reference 12

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for oil (hydraulic) and neutral liquids

2/2

Applications

Pilot operated valves are ideally suited to shut-off applications of liquids with high flow and pressure. A minimum operating pressure is required: refer to tables.

Pilot operated

Port size G	Orifice (mm)	Flow factors (L/min) kv	Flow factors (L/min) Qmax	Admissible differential pressure bar Min	Admissible differential pressure bar Max DC	Admissible differential pressure bar Max AC	Fluid temp. °C	Seat disc	Reference numbers Global valve reference	Reference numbers Valve reference no.	Reference numbers Housing	Reference numbers OR Coil	Power consumption (W) DC	Power consumption (W) AC	Wt. (g)	El. Part Group *	Dim ref.
Normally closed																	
Brass body/Pipe mounting																	
1/4	8	36	36	0.3 [2]	25	40	100	FKM	7321HBG2SV00	**E321H21** [1]	**2995**	**481865**	9	8	800	2	9
	8	36	36	0.3	30	40	100	FKM			**4270**	**481000**	8	8	920	2	
	8	36	36	0.3 [2]	40	40	100	FKM			**4270**	**486265**	14	14	930	2	
	8	36	36	0.3 [2]	25	40	100	NBR	7321HBG2SN00	**E321H11** [1]	**2995**	**481865**	9	8	800	2	9
	8	36	36	0.3 [2]	30	40	100	NBR			**4270**	**481000**	8	8	920	2	
3/8	11	50	50	0.3 [2]	25	40	100	FKM	7321HBG3TV00	**E321H23** [1]	**2995**	**481865**	9	8	780	2	9
	11	50	50	0.3 [2]	30	40	120	FKM			**4270**	**481000**	8	8	900	2	
	11	50	50	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	910	2	
	11	50	50	0.3 [2]	25	40	100	NBR	7321HBG3TN00	**E321H13** [1]	**2995**	**481865**	9	8	780	2	9
	11	50	50	0.3 [2]	30	40	100	NBR			**4270**	**481000**	8	8	900	2	
1/2	14.5	60	60	0.3 [2]	25	40	100	FKM	7321HBG4UV00	**E321H25** [1]	**2995**	**481865**	9	8	740	2	9
	14.5	60	60	0.3 [2]	30	40	120	FKM			**4270**	**481000**	8	8	860	2	
	14.5	60	60	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	870	2	
	14.5	60	60	0.3 [2]	25	40	100	NBR	7321HBG4UN00	**E321H15** [1]	**2995**	**481865**	9	8	740	2	9
	14.5	60	60	0.3 [2]	30	40	100	NBR			**4270**	**481000**	8	8	860	2	
Normally open																	
Brass body/Pipe mounting																	
1/4	8	36	36	0.3 [2]	40	40	100	FKM	7322HBG2SV00	**322H7106** [1]	**2995**	**481865**	9	8	820		9
	8	36	36	0.3 [2]	40	40	120	FKM			**4270**	**481000**	8	8	940		
	8	36	36	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	950		

Table continued on page 92

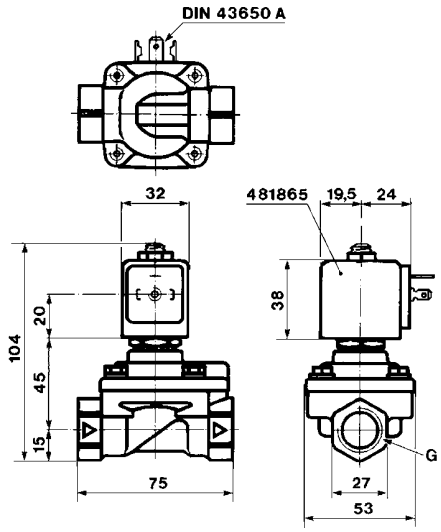
Notes:

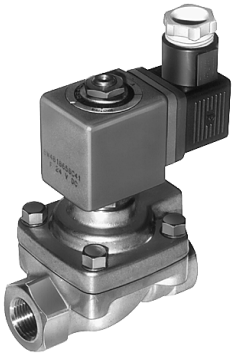
* See Electrical Parts Group table at end of section

1. Pilot seat discs from ruby (synthetic)
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for oil (hydraulic) and neutral liquids 2/2 - Pilot operated





Dimension reference 9

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for oil (hydraulic) and neutral liquids 2/2 - Pilot operated

Port size G	Orifice (mm)	Flow factors (L/min) kv	Qmax	Admissible differential pressure bar Min	Max DC	Max AC	Fluid temp. °C	Seat disc	Reference numbers Global valve reference	Valve reference no.	OR Housing	Coil	Power consumption (W) DC	AC	Wt. (g)	El. Part Group *	Dim ref.
Brass body/Pipe mounting																	
											Normally open						
1/4	8	36	36	0.3 [2]	25	40	100	NBR	7322HBG2SN00	**322H71** [1]	**2995**	**481865**	9	8	840		9
	8	36	36	0.3 [2]	30	40	100	NBR			**4270**	**481000**	8	8	960		
3/8	11	50	50	0.3 [2]	40	40	100	FKM	7322HBG3TV00	**322H7306** [1]	**2995**	**481865**	9	8	800		9
	11	50	50	0.3 [2]	40	40	100	FKM			**4270**	**481000**	8	8	920		
	11	50	50	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	930		
	11	50	50	0.3 [2]	40	40	100	NBR	7322HBG3TN00	**322H73** [1]	**2995**	**481865**	9	8	800		9
	11	50	50	0.3 [2]	40	40	100	NBR			**4270**	**481000**	8	8	920		
1/2	14.5	60	60	0.3 [2]	40	40	100	FKM	7322HBG4UV00	**322H7506** [1]	**2995**	**481865**	9	8	760		9
	14.5	60	60	0.3 [2]	40	40	120	FKM			**4270**	**481000**	8	8	880		
	14.5	60	60	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	890		
	14.5	60	60	0.3 [2]	40	40	100	NBR	7322HBG4UN00	**322H75** [1]	**2995**	**481865**	9	8	760		9
	14.5	60	60	0.3 [2]	40	40	100	NBR			**4270**	**481000**	8	8	880		
Brass body/Sub-base mounting																	
											Normally closed						
SB	14	45	45	0.3 [2]	25	40	100	FKM	7321FBF3TV00	**E321F3202** [1]	**2995**	**481865**	9	8	650	2	13
	14	45	45	0.3 [2]	30	40	120	FKM			**4270**	**481000**	8	8	770	2	
	14	45	45	0.3 [2]	40	40	120	FKM			**4270**	**486265**	14	14	780	2	
	14	45	45	0.3	25	40	100	NBR	7321FBF3TN00	**E321F32** [1]	**2995**	**481865**	9	8	650	2	13
	14	45	45	0.3	30	40	100	NBR			**4270**	**481000**	8	8	770	2	
	14	45	45	0.3	40	40	100	NBR			**4270**	**486265**	14	14	780	2	
Brass body/Sub-base mounting																	
											Normally open						
SB	14	45	45	0.3 [2]	40	40	100	FKM	7322FBF3TV00	**322F7206** [1]	**2995**	**481865**	9	8	650		13
	14	45	45	0.3 [2]	40	40	120	FKM			**4270**	**481000**	8	8	770		
	14	45	45	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	780		
	14	45	45	0.3 [2]	40	40	75	NBR	7322FBF3TN00	**322F72** [1]	**2995**	**481865**	9	8	650		13
	14	45	45	0.3 [2]	40	40	75	NBR			**4270**	**481000**	8	8	770		

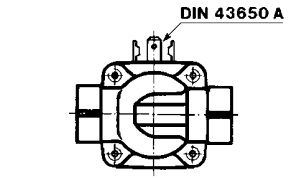
Notes:

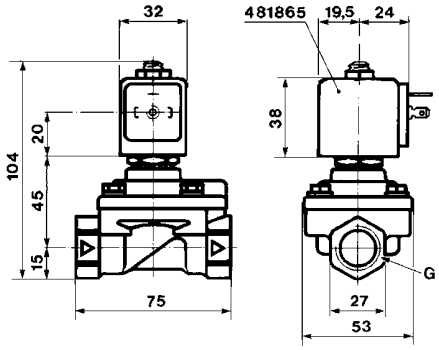
* See Electrical Parts Group table at end of section

1. Pilot seat discs from ruby (synthetic)
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

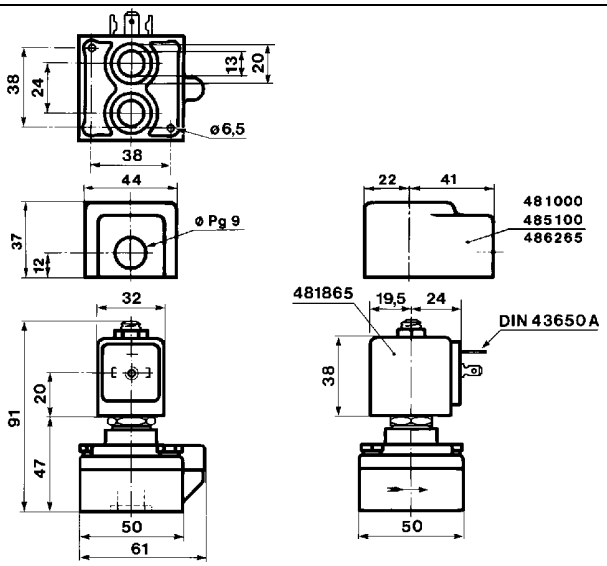
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Valves for oil (hydraulic) and neutral liquids 2/2 - Pilot operated





Dimension reference 9



Dimension reference 13

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Electrical parts options with 2/2 valves for oil (hydraulic) and neutral liquids

El.part Group	Coil	Protection class	Protection class / Temperature class	Power DC	Power AC	Coil Order No.	Coil Ref. No.	Connection	Housing Order No.	Housing Ref. No.	Ambient temp. min.	Ambient temp. max.
1	**22 mm**	IP 65	**Class F**	2.5 W	2 W	DA01	**488980**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	2.5 W	2 W	DA02	**481045**	with DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA03	**481180**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA04	**481530**	with DIN plug	A0	**8993**	-40	50
		IP 65	**EEx m II T4**	5 W	4 W	VA01	**482605**	with 1500mm cable	00	**-**	-40	50
		IP 65	**EEx m II T5**	2.5 W	2 W	VA02	**482606**	with 1500mm cable	00	**-**	-40	50
2	**32 mm**	IP 65	**Class F**	9 W	8 W	DZ02	**481865**	for DIN plug	N1	**2995**	-40	50
	(Std)	IP 65		9 W	8 W	DZ03	**482725**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class H**	9 W	8 W	DZ04	**492453**	for DIN plug	N1	**2995**	-40	50
		IP 65		9 W	8 W	DZ05	**492726**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class F, 50/60 Hz**	-	9 W	DZ06	**483510**	for DIN plug	N1	**2995**	-40	50
		IP 65		-	9 W	DZ07	**482635**	with DIN plug	N1	**2995**	-40	50
		IP 65	**EEx m II T4**	9 W	8 W	HZ05	**492670**	with 3000mm cable	00	**-**	-40	40
		IP 65	**Class H**	14 W	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
		IP 65		14 W	14 W	DZ09	**492727**	with DIN plug	N1	**2995**	-40	50
	50 mm	IP10 / IP 44	**Class F**	8 W	8 W	EZ01	**481000**	screw-terminals	E0	**4270**	-40	50
	(Std)	IP10 / IP 44	**Class H**	8 W	8 W	EZ02	**485100**	screw-terminals	E0	**4270**	-40	50
		IP10 / IP 44	**Class H**	14 W	14 W	EZ92	**486265**	screw-terminals	E0	**4270**	-40	50
		IP 67	**Class F, M20x1.5**	8 W	8 W	EZ01	**481000**	screw-terminals	G1	**4538**	-40	50
		IP 65	**EEx m II T5/T4**	9 W	8 W	VZ01	**492070**	with 1500mm cable	00	**-**	-40	40/65
		IP 67	**EEx me II T4**	8 W	8 W	HZ06	**483371**	for cable connection	00	**-**	-40	65
		IP 66	**EEx me II T3/T4**	11 W	9 W	VZ03	**492190**	for cable connection	00	**-**	-40	75/40
3	**32 mm**	IP 65	**Class H**	-	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
4	**50 mm (impulse)**	IP10 / IP 44	**Class F**	-	11 W	MZ01	**484990**	screw-terminals	E1	**4269**	-40	50
		IP10 / IP 44	**Class F**	13 W	-	MZ02	**485400**	screw-terminals	E1	**4269**	-40	50
5	**50 mm**	IP 54	**EEx d IIC T4/T5/T6**	8 W	8 W	HZ08	**483250**	for cable 1/2 NPT	00	**-**	-40	80/75/60
6	**32 mm**	IP 65	**Class F**	1.6 W	-	DZ10	**482740**	for DIN plug	N1	**2995**	-40	50
	(Miniwatt)	IP 65	**Class F**	1.6W	-	DZ11	**482745**	with DIN plug	N1	**2995**	-40	50
	50 mm	IP 67	**EEx me II T5**	2.5 W	-	VZ04	**491117**	for cable connection	00	**-**	-40	65
	(Miniwatt)	IP 67	**EEx m II T5/T4**	2.5 W	2.5 W	VZ05	**492370**	with 1500mm cable	00	**-**	-40	40/65
		IP 66	**EEx me II T6/T5**	2.5 W	2.5 W	VZ06	**492390**	for cable connection	00	**-**	-40	40/75
7	**32 mm**	IP 65	**EEx ia II C T6**	0.4 W	-	DZ12	**483580.01**	for DIN plug	N1	**2995**	-40	55
		IP 65		0.4 W	-	DZ13	**483960.01**	with DIN plug	N1	**2995**	-40	55
	50 mm	IP 66	**EEx ia II C T6**	0.4 W	-	VZ07	**488650.01**	for cable connection	00	**-**	-40	65
		IP 67		0.4 W	-	VZ08	**488660.01**	with 2000mm cable	00	**-**	-40	65
		IP 65		0.4 W	-	VZ09	**488670.01**	with DIN plug	00	**-**	-40	65

Note: This table is indicative only. Please contact your distributor to confirm your selection.

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

High corrosion-resistant valves (Stainless Steel) 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	**303 Stainless steel body**	**Normally closed**	1/4	1.5 to 5	100.0	96

Notes:
Direct operated valves: pressure range from 0 to max pressure.

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

High corrosion-resistant valves (Stainless Steel)

2/2

Applications

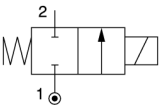
The valves in this section are made of corrosion-resistant material internally and externally.
Please refer to the fluid compatibility chart in this catalogue for detailed fluid compatibility.

Direct operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

303 Stainless steel body/Pipe mounting

Normally closed



1/4	1.5	1.5	12.5	80	0	20	20	100	100	100	FKM	7121VVG2GV00	**121V5406**	**2995**	**481865**	9	8	410	2	6
	1.5	1.5	12.5	80	0	20	20	120	120	120	FKM			**4270**	**481000**	8	8	530	2	
	1.5	1.5	15	80	0	25	60	-	100	-	Ruby	7121VVG2GR00	**121V5463**	**2995**	**481865**	9	8	410	2	6
	1.5	1.5	15	80	0	30	75	-	130	-	Ruby			**4270**	**481000**	8	8	530	2	
	1.5	1.5	15	80	0	55	100	-	140	-	Ruby			**4270**	**486265**	14	14	540		
	2.5	3.5	8.5	220	0	7	14	100	100	100	FKM	7121VVG2LV00	**121V5706**	**2995**	**481865**	9	8	410	2	6
	2.5	3.5	8.5	220	0	9	14	120	120	120	FKM			**4270**	**481000**	8	8	530	2	
	2.5	3.5	8.5	220	0	14	14	120	120	120	FKM			**4270**	**486265**	14	14	540		
	2.5	3.5	25	220	0	10	28	-	100	-	Ruby	7121VVG2LR00	**121V5763**	**2995**	**481865**	9	8	410	2	6
	2.5	3.5	25	220	0	12	34	-	130	-	Ruby			**4270**	**481000**	8	8	530	2	
	2.5	3.5	25	220	0	22	50	-	140	-	Ruby			**4270**	**486265**	14	14	540		
	3	4.5	9	315	0	8.5	10	75	75	75	FKM	7121VVG2NV1D	**121V53061D**	**-**	**483250**	8	8	1375	5	6773
	3	4.5	27	315	0	7	10	100	100	100	FKM	7121VVG2NV00	**121V5306**	**2995**	**481865**	9	8	410	2	6
	3	4.5	27	315	0	8.5	10	120	120	120	FKM			**4270**	**481000**	8	8	530	2	
	3	4.5	27	315	0	10	10	120	120	120	FKM			**4270**	**486265**	14	14	530		
	3	4.5	27	315	0	7	20	-	100	-	Ruby	7121VVG2NR00	**121V5363**	**2995**	**481865**	9	8	410	2	6
	3	4.5	27	315	0	8.5	25	-	130	-	Ruby			**4270**	**481000**	8	8	530	2	
	3	4.5	27	315	0	15	36	-	140	-	Ruby			**4270**	**486265**	14	14	540		
	4	7	10.5	450	0	4	10	100	100	100	FKM	7121VVG2QV00	**121V5206**	**2995**	**481865**	9	8	410	2	6
	4	7	10.5	450	0	5	10	120	120	120	FKM			**4270**	**481000**	8	8	530	2	
	4	7	10.5	450	0	10	-	120	120	120	FKM			**4270**	**486265**	14	-	540		
	4	7	35	450	0	4	12	-	100	-	Ruby	7121VVG2QR00	**121V5263**	**2995**	**481865**	9	8	410	2	6
	4	7	35	450	0	5	15	-	130	-	Ruby			**4270**	**481000**	8	8	530	2	
	4	7	35	450	0	10	22	-	130	-	Ruby			**4270**	**486265**	14	14	540		
	4	7	35	450	0	3.5	3.5	-	-	100	PTFE	7121VVG2QT00	**121V5212**	**2995**	**481865**	9	8	410	2	6
	4	7	35	450	0	3.5	3.5	-	-	130	PTFE			**4270**	**481000**	8	8	530	2	

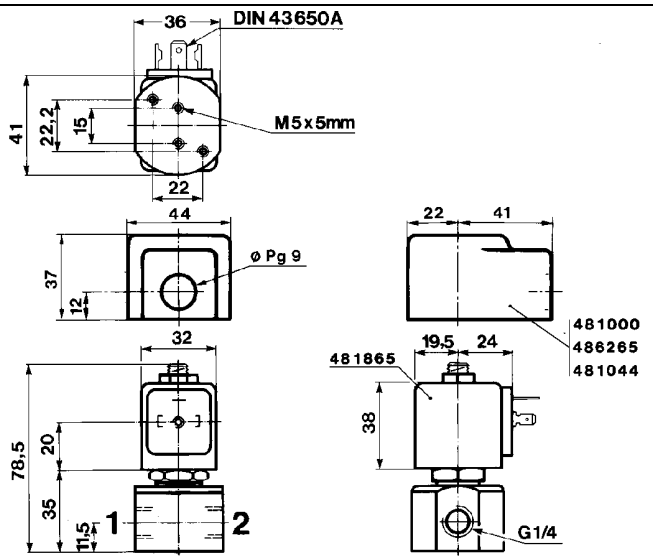
Table continued on page 98

Notes:

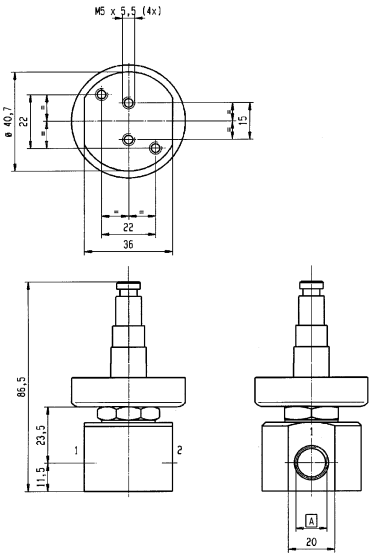
* See Electrical Parts Group table at end of section

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

High corrosion-resistant valves (Stainless Steel) 2/2 - Direct operated



Dimension reference 6



Dimension reference 6773

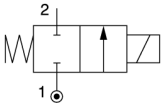
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

High corrosion-resistant valves (Stainless Steel) 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	El. Part Group *	Dim ref.
		Liquids		Gases	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			
G		kv	Qmax	Qn		DC	AC													

303 Stainless steel body/Pipe mounting

Normally closed



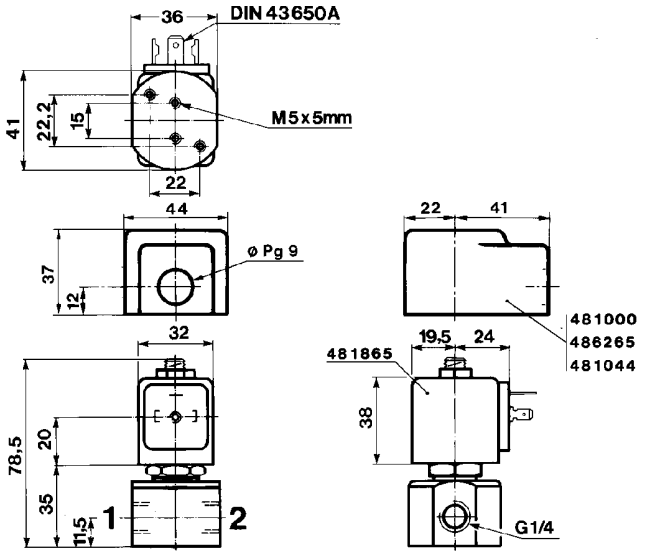
1/4	5	10	11.5	750	0	2.8	7	75	75	75	FKM	7121VVG2SV1D	**121V51061D**	**-**	**483250**	8	8	1375	5	6773
	5	10	11.5	750	0	2	7	100	100	100	FKM	7121VVG2SV00	**121V5106**	**2995**	**481865**	9	8	410	2	6
	5	10	11.5	750	0	2.8	7	120	100	120	FKM			**4270**	**481000**	8	8	530	2	
	5	10	11.5	750	0	5	7	120	120	120	FKM			**4270**	**486265**	14	14	540		
	5	10	40	750	0	2	8.5	-	100	-	Ruby	7121VVG2SR00	**121V5163**	**2995**	**481865**	9	8	410	2	6
	5	10	40	750	0	3.5	10	-	130	-	Ruby			**4270**	**481000**	8	8	530	2	
	5	10	40	750	0	6.5	14	-	140	-	Ruby			**4270**	**486265**	14	14	540		
	5	10	35	750	0	2	2.8	100	100	100	PTFE	7121VVG2ST00	**121V5112**	**2995**	**481865**	9	8	410	2	6
	5	10	35	750	0	2.8	2.8	130	130	130	PTFE			**4270**	**481000**	8	8	530	2	

Notes:

* See Electrical Parts Group table at end of section

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

High corrosion-resistant valves (Stainless Steel) 2/2 - Direct operated



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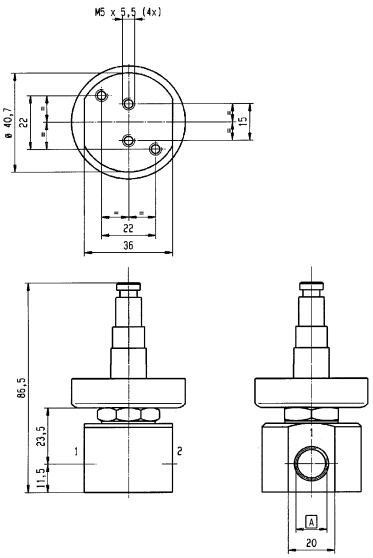


Dimension reference 6773

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Electrical parts options with 2/2 high corrosion resistant stainless steel valves

El.part Group	Coil	Protection class	Protection class / Temperature class	Power DC	Power AC	Coil Order No.	Coil Ref. No.	Connection	Housing Order No.	Housing Ref. No.	Ambient temp. min.	Ambient temp. max.
1	**22 mm**	IP 65	**Class F**	2.5 W	2 W	DA01	**488980**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	2.5 W	2 W	DA02	**481045**	with DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA03	**481180**	for DIN plug	A0	**8993**	-40	50
		IP 65	**Class F**	5 W	4 W	DA04	**481530**	with DIN plug	A0	**8993**	-40	50
		IP 65	**EEx m II T4**	5 W	4 W	VA01	**482605**	with 1500mm cable	00	**-**	-40	50
		IP 65	**EEx m II T5**	2.5 W	2 W	VA02	**482606**	with 1500mm cable	00	**-**	-40	50
2	**32 mm**	IP 65	**Class F**	9 W	8 W	DZ02	**481865**	for DIN plug	N1	**2995**	-40	50
	(Std)	IP 65		9 W	8 W	DZ03	**482725**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class H**	9 W	8 W	DZ04	**492453**	for DIN plug	N1	**2995**	-40	50
		IP 65		9 W	8 W	DZ05	**492726**	with DIN plug	N1	**2995**	-40	50
		IP 65	**Class F, 50/60 Hz**	-	9 W	DZ06	**483510**	for DIN plug	N1	**2995**	-40	50
		IP 65		-	9 W	DZ07	**482635**	with DIN plug	N1	**2995**	-40	50
		IP 65	**EEx m II T4**	9 W	8 W	HZ05	**492670**	with 3000mm cable	00	**-**	-40	40
		IP 65	**Class H**	14 W	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
		IP 65		14 W	14 W	DZ09	**492727**	with DIN plug	N1	**2995**	-40	50
	50 mm	IP10 / IP 44	**Class F**	8 W	8 W	EZ01	**481000**	screw-terminals	E0	**4270**	-40	50
	(Std)	IP10 / IP 44	**Class H**	8 W	8 W	EZ02	**485100**	screw-terminals	E0	**4270**	-40	50
		IP10 / IP 44	**Class H**	14 W	14 W	EZ92	**486265**	screw-terminals	E0	**4270**	-40	50
		IP 67	**Class F, M20x1.5**	8 W	8 W	EZ01	**481000**	screw-terminals	G1	**4538**	-40	50
		IP 65	**EEx m II T5/T4**	9 W	8 W	VZ01	**492070**	with 1500mm cable	00	**-**	-40	40/65
		IP 67	**EEx me II T4**	8 W	8 W	HZ06	**483371**	for cable connection	00	**-**	-40	65
		IP 66	**EEx me II T3/T4**	11 W	9 W	VZ03	**492190**	for cable connection	00	**-**	-40	75/40
3	**32 mm**	IP 65	**Class H**	-	14 W	DZ08	**492425**	for DIN plug	N1	**2995**	-40	50
4	**50 mm (impulse)**	IP10 / IP 44	**Class F**	-	11 W	MZ01	**484990**	screw-terminals	E1	**4269**	-40	50
		IP10 / IP 44	**Class F**	13 W	-	MZ02	**485400**	screw-terminals	E1	**4269**	-40	50
5	**50 mm**	IP 54	**EEx d IIC T4/T5/T6**	8 W	8 W	HZ08	**483250**	for cable 1/2 NPT	00	**-**	-40	80/75/60
6	**32 mm**	IP 65	**Class F**	1.6 W	-	DZ10	**482740**	for DIN plug	N1	**2995**	-40	50
	(Miniwatt)	IP 65	**Class F**	1.6W	-	DZ11	**482745**	with DIN plug	N1	**2995**	-40	50
	50 mm	IP 67	**EEx me II T5**	2.5 W	-	VZ04	**491117**	for cable connection	00	**-**	-40	65
	(Miniwatt)	IP 67	**EEx m II T5/T4**	2.5 W	2.5 W	VZ05	**492370**	with 1500mm cable	00	**-**	-40	40/65
		IP 66	**EEx me II T6/T5**	2.5 W	2.5 W	VZ06	**492390**	for cable connection	00	**-**	-40	40/75
7	**32 mm**	IP 65	**EEx ia II C T6**	0.4 W	-	DZ12	**483580.01**	for DIN plug	N1	**2995**	-40	55
		IP 65		0.4 W	-	DZ13	**483960.01**	with DIN plug	N1	**2995**	-40	55
	50 mm	IP 66	**EEx ia II C T6**	0.4 W	-	VZ07	**488650.01**	for cable connection	00	**-**	-40	65
		IP 67		0.4 W	-	VZ08	**488660.01**	with 2000mm cable	00	**-**	-40	65
		IP 65		0.4 W	-	VZ09	**488670.01**	with DIN plug	00	**-**	-40	65

Note: This table is indicative only. Please contact your distributor to confirm your selection.

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Oil burner valves 2/2
(incl. TÜV approved types)

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	**Brass body**	**Normally closed**	1/8	2.2 to 3	50.0	102
			1/4	1.2 to 3	100.0	104
			3/8	4 to 11	30.0	104
			1/2	14	30.0	104
		Normally open	1/8	2.5	30.0	106
			1/4	2.5 to 4	30.0	106
Pilot operated	**Brass body**	**Normally closed**	1/4	8	40.0	108
			3/8	11	40.0	108
			1/2	14.5 to 15	40.0	108
			SB	14	40.0	110
		Normally open	1/4	8	40.0	108
			3/8	11	40.0	108
			1/2	14.5	40.0	110
			SB	14	40.0	110

Notes:
Direct operated valves: pressure range from 0 to max pressure.
Pilot operated valves: pressure range from 0.3 to 0.5 bar to max. pressure (refer to tables).

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Oil burner valves (incl. TÜV approved types)

2/2

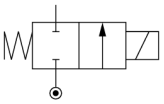
Applications

TÜV approved types are described in more detail in Data Sheet 8634/GB.
TÜV approved models are safety shut-off solenoid valves for oil burner systems according to DIN EN 264 and fuel oils EL, L, M and S according to DIN 51603.

Direct operated

Brass body/Pipe mounting

Normally closed



Port size G	Orifice (mm)	Flow factors (L/min) kv	Flow factors (L/min) Qmax	Admissible differential pressure bar Min	Admissible differential pressure bar Max DC	Admissible differential pressure bar Max AC	Fluid temp. °C	Seat disc	Reference numbers Global valve reference	Reference numbers Valve reference no.	Reference numbers Housing	Reference numbers Coil	Power consumption (W) DC	Power consumption (W) AC	Wt. (g)	Dim ref.
1/8	2.2	2.8	11	0	-	25	120	Ruby	7121ZBG1LRT0	- [1]	**2995.20**	**483764**	-	9	270	7863
	2.2	2.8	11	0	-	33	120	Ruby			**2995.20**	**492425**	-	14	270	
	2.5	2.8	16	0	10	24	75	Ruby	7121ZBG1LR00	-	**2995**	**481865**	9	8	270	7893
	2.5	2.8	16	0	5	13	75	Ruby			**2995**	**482730**	7	6	270	
	2.5	2.8	16	0	10	33	-	Ruby	7121ZCBG1LR00	-	**4270**	**481000**	8	8	390	7893
	2.5	3.5	25	0	10	28	100	Ruby	7121KBG1LR00	**E121K23**	**2995**	**481865**	9	8	300	3
	2.5	3.5	25	0	12	34	130	Ruby			**4270**	**481000**	8	8	420	
	2.5	3.5	25	0	22	50	120	Ruby			**4270**	**486265**	14	14	430	

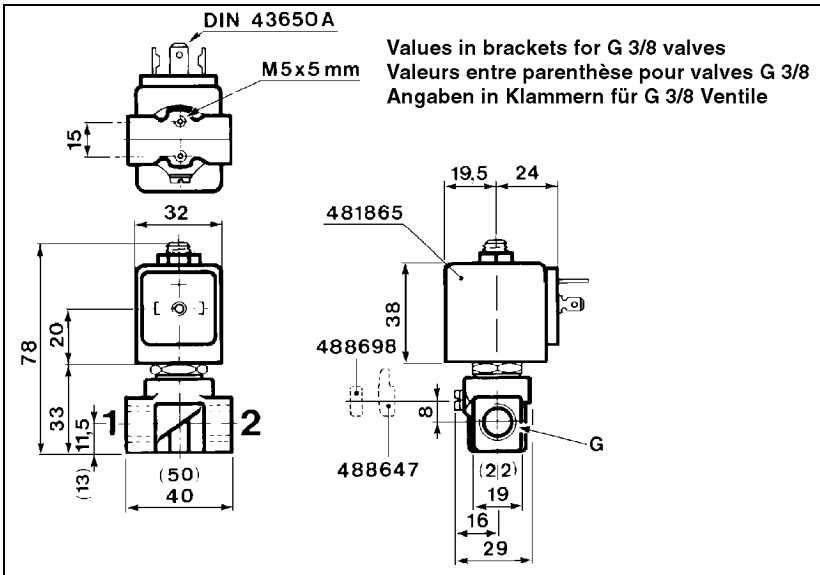
Table continued on page 104

Notes:

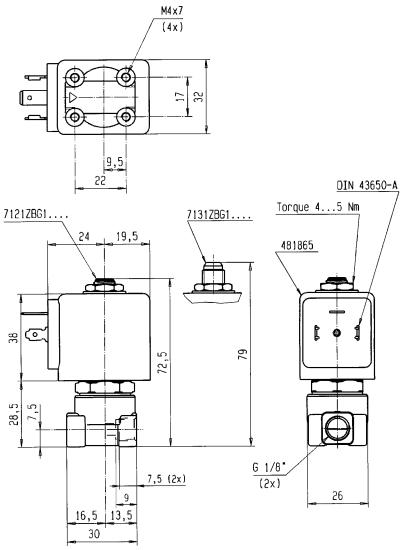
1. TUV approved for oil burners

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Oil burner valves 2/2 - Direct operated



Dimension reference 3



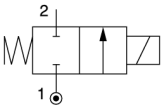
Dimension reference 7893

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Oil burner valves 2/2 - Direct operated

Brass body/Pipe mounting

Normally closed



Port size G	Orifice (mm)	Flow factors (L/min) kv	Qmax	Admissible differential pressure bar Min	Max DC	Max AC	Fluid temp. °C	Seat disc	Reference numbers Global valve reference	Valve reference no.	Housing	Coil	Power consumption (W) DC	AC	Wt. (g)	Dim ref.
1/8	3	4	-	0	-	30	160	Ruby	7121KBG1NRT0	**121K2423** [1]	**8760.23**	**483824**	-	19	420	107
	3	4	-	0	-	30	160	Ruby			**8520.23**	**483824**	-	19	480	
1/4	1.2	0.85	8.5	0	36	80	100	Ruby	7121KBG2ER00	**E121K65**	**2995**	**481865**	9	8	290	3
	1.2	0.85	8.5	0	43	100	130	Ruby			**4270**	**481000**	8	8	410	
	1.2	0.85	8.5	0	75	100	120	Ruby			**4270**	**486265**	14	14	420	
	1.5	1.5	15	0	25	60	100	Ruby	7121KBG2GR00	**E121K67**	**2995**	**481865**	9	8	290	3
	1.5	1.5	15	0	30	75	130	Ruby			**4270**	**481000**	8	8	410	
	1.5	1.5	15	0	55	100	120	Ruby			**4270**	**486265**	14	14	420	
	2.5	3.5	25	0	10	28	100	Ruby	7121KBG2LR00	**E121K63**	**2995**	**481865**	9	8	290	3
	2.5	3.5	25	0	12	34	130	Ruby			**4270**	**481000**	8	8	410	
	2.5	3.5	25	0	22	50	120	Ruby			**4270**	**486265**	14	14	420	
	3	4.5	-	0	-	30	160	Ruby	-	**121K6423** [1]	**8520.23**	**483824**	-	19	470	107
	3	4.5	-	0	-	30	160	Ruby	7121KBG2NRT0	**121K6423**	**8760.23**	**483824**	-	19	410	107
	3	4.5	27	0	7	20	100	Ruby	7121KBG2NR00	**E121K64**	**2995**	**481865**	9	8	290	3
	3	4.5	27	0	8.5	25	130	Ruby			**4270**	**481000**	8	8	410	
	3	4.5	27	0	15	36	120	Ruby			**4270**	**486265**	14	14	420	
3/8	4	7.5	10.5	0	4	10	100	FKM	7121KBG3QV00	**121K3206**	**2995**	**481865**	9	8	340	3
	4	7.5	10.5	0	5	10	120	FKM			**4270**	**481000**	8	8	460	
	4	7.5	10.5	0	10	10	120	FKM			**4270**	**486265**	14	14	470	
	5	11	11.5	0	2	7	100	FKM	7121KBG3SV00	**121K3106**	**2995**	**481865**	9	8	340	3
	5	11	11.5	0	2.8	7	120	FKM			**4270**	**481000**	8	8	460	
	5	11	11.5	0	5	7	120	FKM			**4270**	**486265**	14	14	470	
	6	12	12.5	0	1.1	5	100	FKM	7121KBG3UV00	**121K3306**	**2995**	**481865**	9	8	340	3
	6	12	12.5	0	1.5	5	120	FKM			**4270**	**481000**	8	8	460	
	6	12	12.5	0	3	5	120	FKM			**4270**	**486265**	14	14	470	
	11	22	13.5	0	-	30 [2]	160	FKM	7121GBG34VT0	**121G2320** [1]	**8760.23**	**483541**	-	20	-	108
	11	22	13.5	0	-	30 [2]	160	FKM			**8520.23**	**483541**	-	20	-	
1/2	14	25	15	0	-	30 [2]	160	FKM	7121GBG45VT0	**121G2520** [1]	**8760.23**	**483541**	-	20	-	108
	14	25	15	0	-	30 [2]	160	FKM			**8520.23**	**483541**	-	20	-	
	14	25	15	0	-	19	160	FKM	7121GBG45VT1	**121G2523** [1]	**8520.23**	**483824**	-	19	480	107

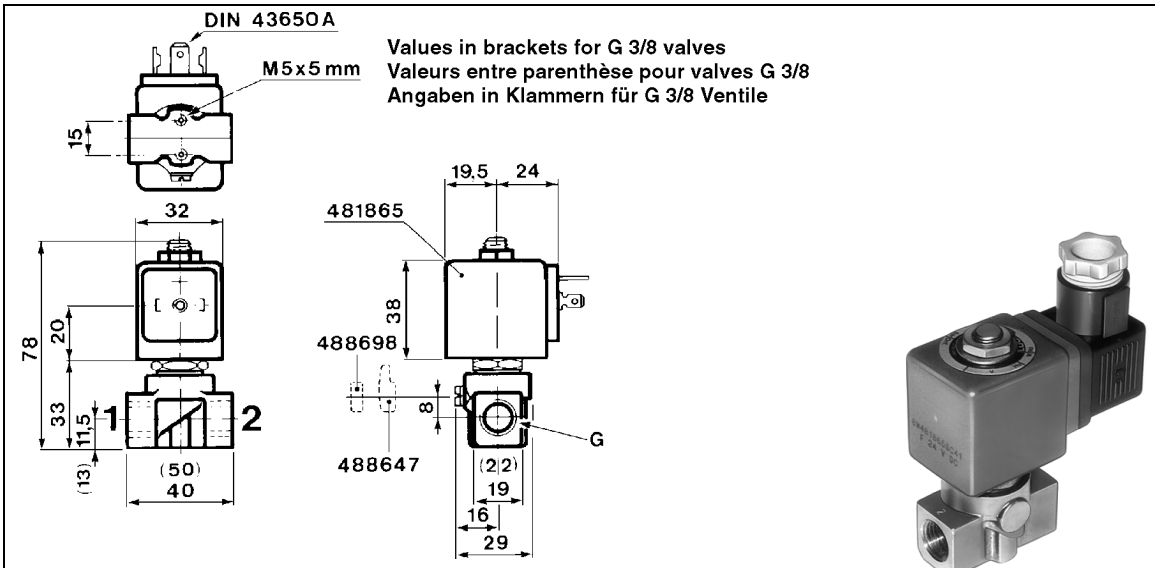
Table continued on page 106

Notes:

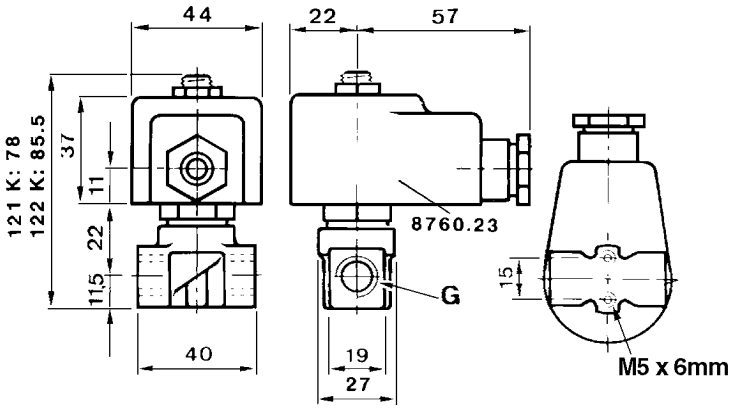
1. TUV approved for oil burners
2. Max. static pressure = 30 bar; max pressure differential = 0.2 bar

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

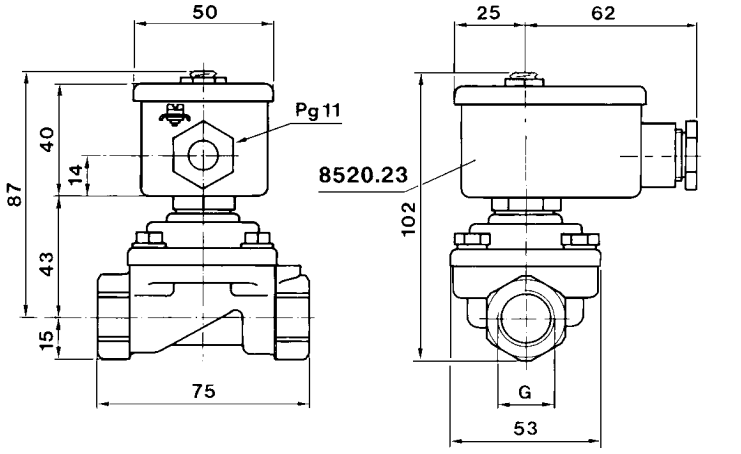
Oil burner valves 2/2 - Direct operated



Dimension reference 3



Dimension reference 107



Dimension reference 108

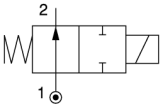
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Oil burner valves 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers			OR	Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max				Global valve reference	Valve reference no.	Housing	Coil				
G		kv	Qmax		DC	AC							DC	AC		

Brass body/Pipe mounting

Normally open



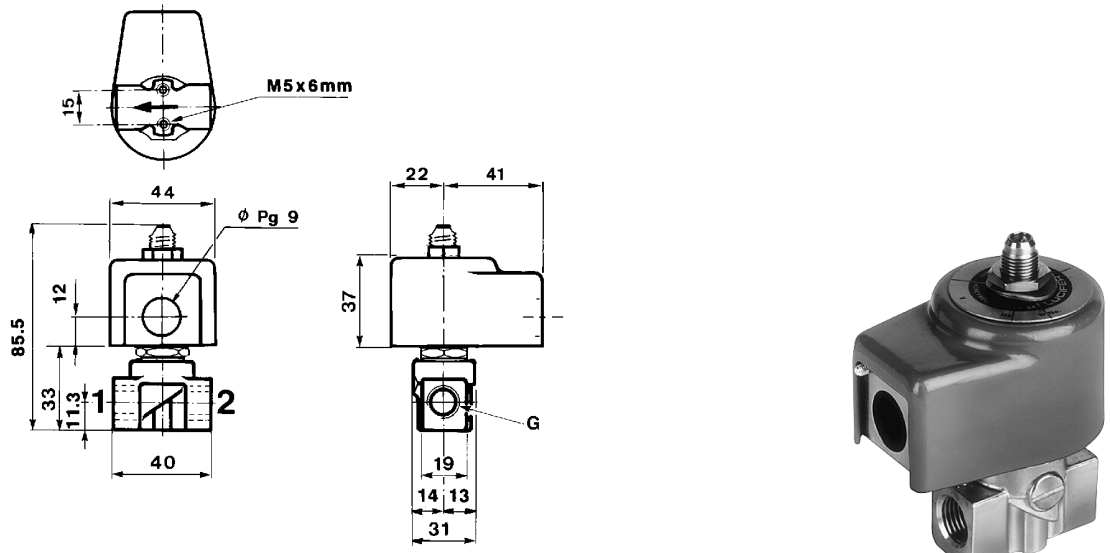
1/8	2.5	3.5	-	0	-	30	160	Ruby	7122KBG1LRT0	**122K9321** [1]	**8760.23**	**483824**	-	19	455	105
	2.5	3.5	-	0	-	30	160	Ruby			**8520.23**	**483824**	-	19	515	
	2.5	3.5	-	0	-	30	140	Ruby	7122KBG1LR00	**122K9363**	**4270**	**481044**	-	14	445	4
	2.5	3.5	-	0	30	30	140	Ruby			**4270**	**486265**	14	14	455	
1/4	2.5	3.5	-	0	-	30	160	Ruby	7122KBG2LRT0	**122K8321** [1]	**8760.23**	**483824**	-	19	435	105
	2.5	3.5	-	0	-	30	160	Ruby			**8520.23**	**483824**	-	19	495	
	2.5	3.5	-	0	-	30	140	Ruby	7122KBG2LR00	**122K8363**	**4270**	**481044**	-	14	425	4
	2.5	3.5	-	0	30	30	140	Ruby			**4270**	**486265**	14	14	435	
	4	6.5	-	0	-	30	160	Ruby	7121KBG2QRT0	**121K6220** [1]	**8520.23**	**483541**	-	20	-	105
	4	6.5	-	0	-	30	160	Ruby			**8760.23**	**483541**	-	20	-	

Notes:

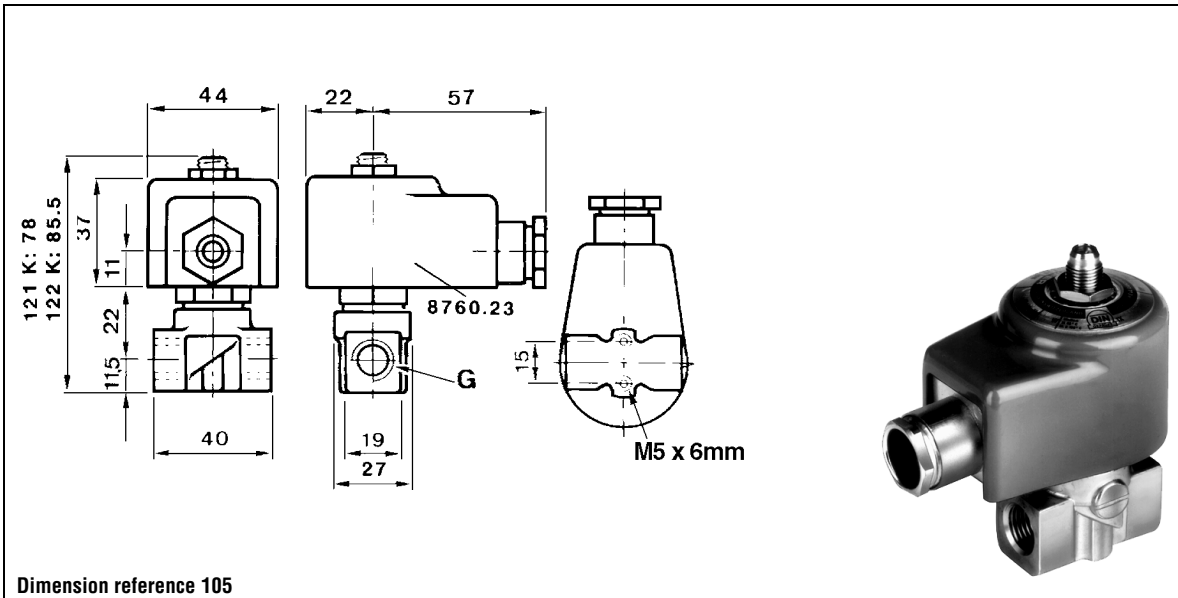
1. TUV approved for oil burners

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Oil burner valves 2/2 - Direct operated



Dimension reference 4



Dimension reference 105

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Oil burner valves 2/2 - Pilot operated

2/2

Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max							OR				
G		kv	Qmax		DC	AC			Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
Normally closed																
Brass body/Pipe mounting																
1/4	8	36	36	0.3 [2]	25	40	100	FKM	7321HBG2SV00	**E321H21** [1]	**2995**	**481865**	9	8	800	9
	8	36	36	0.3	30	40	100	FKM			**4270**	**481000**	8	8	920	
	8	36	36	0.3 [2]	40	40	100	FKM			**4270**	**486265**	14	14	930	
3/8	11	40	40	0.3 [2]	-	30	160	FKM	7321HBG3TVT0	**321H2322** [3]	**8760.23**	**483541**	-	20	1070	104
	11	40	40	0.3 [2]	-	30	160	FKM			**8520.23**	**483541**	-	20	1010	
	11	50	50	0.3 [2]	25	40	100	FKM	7321HBG3TV00	**E321H23** [1]	**2995**	**481865**	9	8	780	9
	11	50	50	0.3 [2]	30	40	120	FKM			**4270**	**481000**	8	8	900	
	11	50	50	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	910	
1/2	14.5	60	60	0.3 [2]	25	40	100	FKM	7321HBG4UV00	**E321H25** [1]	**2995**	**481865**	9	8	740	9
	14.5	60	60	0.3 [2]	30	40	120	FKM			**4270**	**481000**	8	8	860	
	14.5	60	60	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	870	
	15	60	60	0.3	-	30	160	FKM	7321HBG4UVT0	**321H2522** [3]	**8760.23**	**483541**	-	20	870	104
	15	60	60	0.3 [2]	-	30	160	FKM			**8520.23**	**483541**	-	20	870	
Normally open																
Brass body/Pipe mounting																
1/4	8	36	36	0.3 [2]	40	40	100	FKM	7322HBG2SV00	**322H7106** [1]	**2995**	**481865**	9	8	820	9
	8	36	36	0.3 [2]	40	40	120	FKM			**4270**	**481000**	8	8	940	
	8	36	36	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	950	
3/8	11	50	50	0.3 [2]	40	40	100	FKM	7322HBG3TV00	**322H7306** [1]	**2995**	**481865**	9	8	800	9
	11	50	50	0.3 [2]	40	40	100	FKM			**4270**	**481000**	8	8	920	
	11	50	50	0.3 [2]	40	40	140	FKM			**4270**	**486265**	14	14	930	

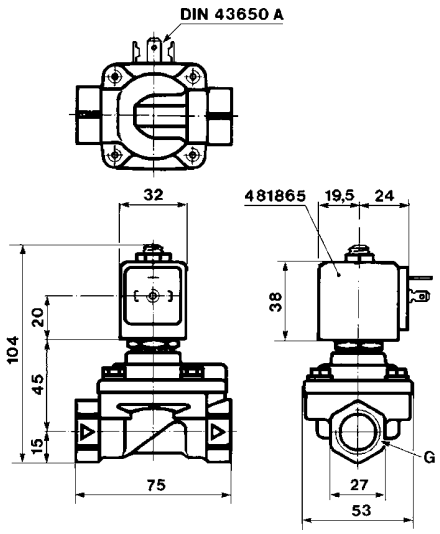
Table continued on page 110

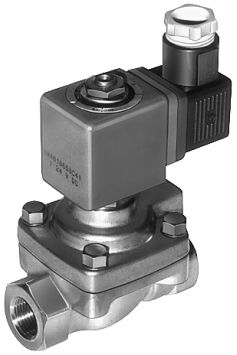
Notes:

1. Pilot seat discs from ruby (synthetic)
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
3. TUV approved for oil burners

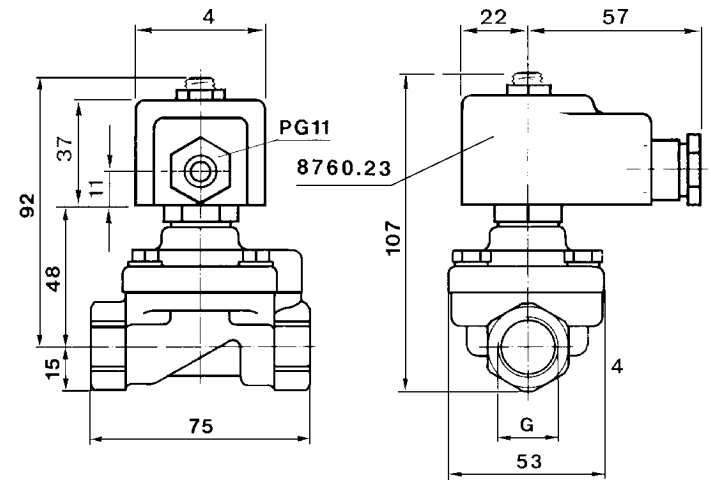
Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Oil burner valves 2/2 - Pilot operated





Dimension reference 9



Dimension reference 104

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Oil burner valves 2/2 - Pilot operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max					OR						
G		kv	Qmax		DC	AC			Global valve reference	Valve reference no.	Housing	Coil	DC	AC		
Brass body/Pipe mounting																
												Normally open				
1/2	14.5	60	60	0.3 [1]	20	20	100	FKM	7322GBG4UV00	**322G7506**	**2995**	**481865**	9	8	760	9
	14.5	60	60	0.3 [1]	20	20	100	FKM			**4270**	**481000**	8	8	880	
	14.5	60	60	0.3 [1]	40	40	100	FKM	7322HBG4UV00	**322H7506** [2]	**2995**	**481865**	9	8	760	9
	14.5	60	60	0.3 [1]	40	40	120	FKM			**4270**	**481000**	8	8	880	
	14.5	60	60	0.3 [1]	40	40	140	FKM			**4270**	**486265**	14	14	890	
Brass body/Sub-base mounting																
												Normally closed				
SB	14	45	45	0.3 [1]	25	40	100	FKM	7321FBF3TV00	**E321F3202** [2]	**2995**	**481865**	9	8	650	13
	14	45	45	0.3 [1]	30	40	120	FKM			**4270**	**481000**	8	8	770	
	14	45	45	0.3 [1]	40	40	120	FKM			**4270**	**486265**	14	14	780	
Brass body/Sub-base mounting																
												Normally open				
SB	14	45	45	0.3 [1]	40	40	100	FKM	7322FBF3TV00	**322F7206** [2]	**2995**	**481865**	9	8	650	13
	14	45	45	0.3 [1]	40	40	100	FKM			**4270**	**481000**	8	8	770	
	14	45	45	0.3 [1]	40	40	140	FKM			**4270**	**486265**	14	14	780	

Notes:

1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat discs from ruby (synthetic)

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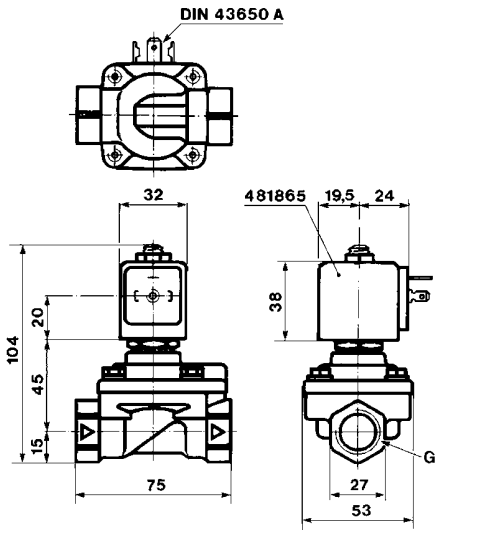
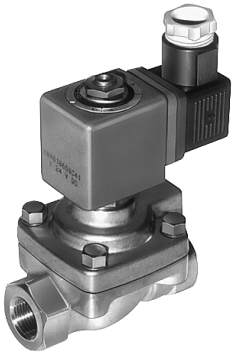
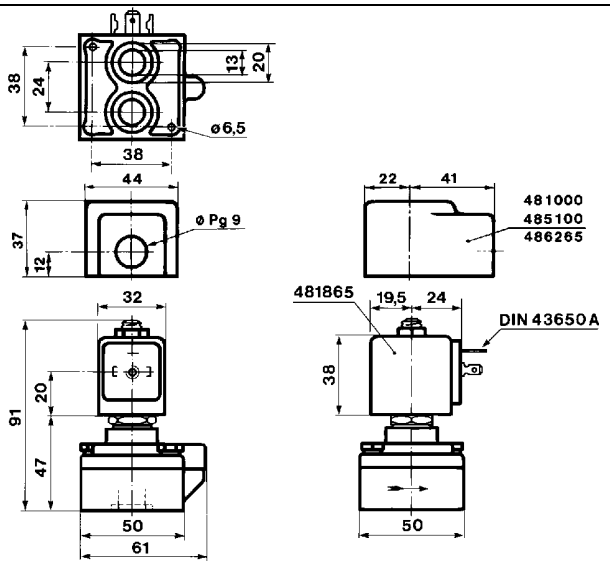
CH-1227 Carouge-Genève

Oil burner valves 2/2 - Pilot operated





Dimension reference 9



Dimension reference 13

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Fluid Control Division Europe
CH-1227 Carouge-Genève

Dry operator valves for corrosive fluids 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	**303 Stainless steel body**	**Normally closed**	1/4 NPT	2 to 4.5	5.0	114
	Teflon body		1/4 NPT	2 to 4.5	5.0	114

Notes:
Direct operated valves: pressure range from 0 to max pressure.

Parker Lucifer SA
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CH-1227 Carouge-Genève

Dry operator valves for corrosive fluids

2/2

Applications

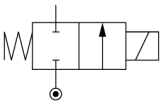
The plunger is physically separated from the fluid by a soft diaphragm, isolating the plunger and the pilot tube from the main corrosive fluid. The fluid is only in contact with the body and the diaphragm.

Direct operated

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max							OR				
NPT		kv	Qmax		DC	AC			Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

303 Stainless steel body/Pipe mounting

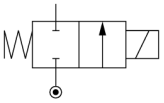
Normally closed



1/4 NPT	2	2.3	-	0	5	5	60	BunaN	71214VN2KN00	-	**2995**	**481865**	9	8	480	113
	2	2.3	-	0	5	5	60	PTFE	71214VN2KT00	-	**2995**	**481865**	9	8	480	113
	3	3.3	-	0	3.5	3.5	60	BunaN	71214VN2MN00	-	**2995**	**481865**	9	8	480	113
	3	3.3	-	0	3.5	3.5	60	PTFE	71214VN2MT00	-	**2995**	**481865**	9	8	480	113
	4	5	-	0	2.5	2.5	60	BunaN	71214VN2QN00	-	**2995**	**481865**	9	8	480	113
	4	5	-	0	2.5	2.5	60	PTFE	71214VN2QT00	-	**2995**	**481865**	9	8	480	113
	4.5	6.7	-	0	1.4	1.4	60	BunaN	71214VN2SN00	-	**2995**	**481865**	9	8	480	113
	4.5	6.7	-	0	1.4	1.4	60	PTFE	71214VN2ST00	-	**2995**	**481865**	9	8	480	113

Teflon body/Pipe mounting

Normally closed



1/4 NPT	2	2.3	-	0	5	5	60	PTFE	71214TN2KT00	-	**2995**	**481865**	9	8	365	110
	3	3.3	-	0	3.5	3.5	60	PTFE	71214TN2MT00	-	**2995**	**481865**	9	8	365	110
	4	5	-	0	2.5	2.5	60	PTFE	71214TN2QT00	-	**2995**	**481865**	9	8	365	110
	4.5	6.7	-	0	1.4	1.4	60	PTFE	71214TN2ST00	-	**2995**	**481865**	9	8	365	110

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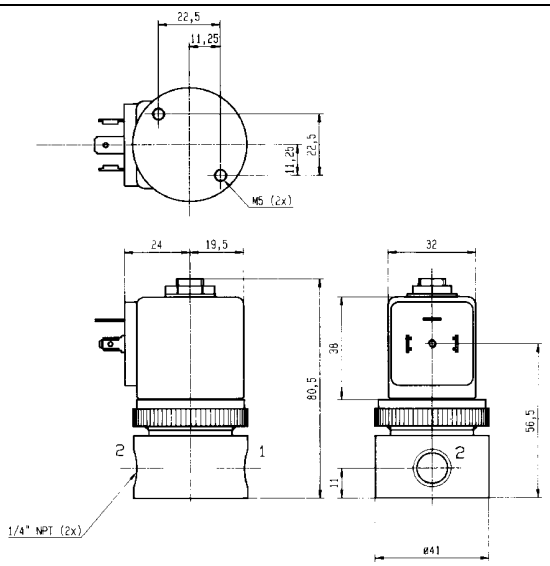
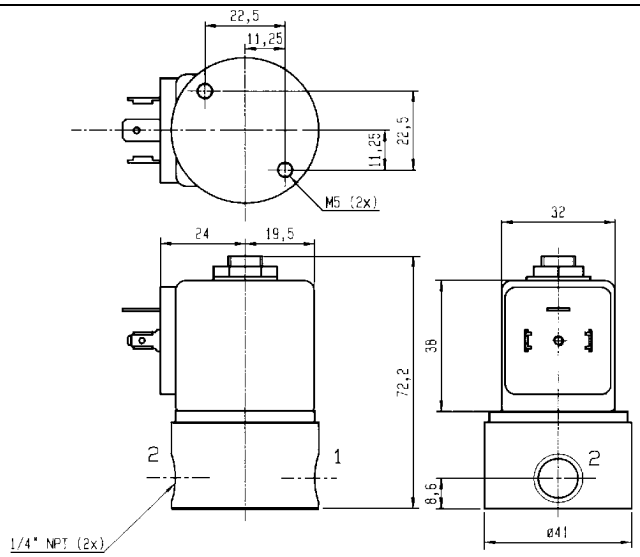
Dry operator valves for corrosive fluids 2/2 - Direct operated



Dimension reference 110



Dimension reference 113

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CH-1227 Carouge-Genève

Dry operator valves for corrosive fuids

Fluid compatibility chart

	Stainless Steel 18-8, 302, 303, 304, 305	BUNA N (Nitrile)	Teflon*	Noryl
Acetic Acid 8%	S	NR	S	S
Acetone	S	NR	S	NR
Acetylene Dry	S	S	S	U
Air Lubricated 120°C (248°F)	S	NR	S	S
Air Lubricated 82°C (180°F)	S	S	S	S
Air Unlubricated 120°C (248°F)	S	NR	S	S
Air Unlubricated 82°C (180°F)	S	S	S	S
Alcohol Ethyl (Ethanol)	S	NR	S	F
Alcohol Methyl (Methanol)	S	S	S	F
Ammonia Gas Anhydrous 20	S	S	S	S
Argon	S	S	S	U
Beer	S	S	S	S
Benzene	S	NR	S	NR
Boric Acid	S	NR	S	S
Citric Acid 10%	S	S	S	S
Cod Liver Oil	S	S	S	U
Coffee	S	S	S	U
Diesel Fuel	S	T	S	NR
Ethylene Glycol (Antifreeze)	S	S	S	S
Freon 12	S	S	S	NR
Freon 22	S	NR	S	NR
Fuel Oil	S	T	S	S
Gasoline Leaded	S	S	S	NR
Gasoline Unleaded	S	NR	S	NR
Helium	S	S	S	S
Hydraulic Fluids - Fire Resistant Cellulube Phosphate Ester	S	NR	S	U
Pydraul	S	NR	S	U
Skydrol	S	NR	S	NR
Petroleum	S	S	S	NR
Jet Fuel	S	T	-	NR
Kerosene	S	S	S	NR
Ketones	T	NR	S	NR
Lard (Animal Fat)	S	S	S	U
Lead Acetate	NR	NR	S	F
Linseed Oil	S	S	S	S
Lime & Water	NR	S	S	U
Lubricating Oil	S	S	S	T
Methane	S	S	S	U
Methanol Alcohol-Methyl	S	S	S	T
Methyl Ethyl Ketone (MEK)	F	NR	S	NR
Mineral Spirits	S	S	S	T
Motor Oil	S	S	S	S
Naptha	S	S	S	NR
Natural Gas	S	S	S	U

	Stainless Steel 18-8, 302, 303, 304, 305	BUNA N (Nitrile)	Teflon*	Noryl
Nickle Nitrate	T	T	S	S
Nitrobenzene	NR	NR	S	NR
Nitrogen	S	S	S	S
Nitrous Oxide	T	S	S	U
n-Octyl Alcohol	U	T	S	U
Olive Oil	S	S	S	S
Oxygen	S	NR	S	S
Ozone	T	NR	S	U
Perchloroethylene	F	NR	S	NR
n-Propyl Acetobne	U	NR	S	U
Propyl Alcohol	S	T	S	U
Pyridine	S	NR	S	T
Pyrolube	U	NR	U	U
Quick Silver	U	S	S	U
Red Oil	U	S	S	U
Rust Inhibitors	U	S	U	U
Shellac	S	S	S	U
Silicone Oil	S	S	S	S
Sodium Phosphates	T	S	S	S
Steam 140°C (298°F)	S	NR	S	S
Steam 180°C (356°F)	S	NR	S	T
Stoddard Solvent	S	S	S	NR
Sucrose Solution	S	S	S	S
Sulfur	T	NR	S	S
Sulfur Hexaflouride	S	NR	S	U
Toluene	S	NR	S	NR
Trichloroethylene	T	NR	S	NR
Trimethylpentane	U	S	S	U
Trisodium Phosphate	T	F	S	S
Turpentine	S	S	S	S
Urea	S	T	S	S
Varnish	S	T	S	U
Vegetable Oil	S	S	S	U
Vinegar	T	T	S	S
Water Boiler Feed	S	S	S	U
Water Deionized Distilled	S	T	S	S
Water Fresh <82°C (180°F)	S	S	S	S
Water Fresh <100°C (212°F)	S	NR	S	S
Water Return Condensate	S	S	S	U
Water Sea/Salt	T	S	S	S
Whiskey	S	S	S	S
Wine	S	S	S	S
Xylene	S	NR	S	NR
Zinc Chloride	NR	S	S	S
Zinc Sulfate	T	T	S	S

Notes
The data shoud be used as a guide, and not as a final recommendation.
S = Satisfactory; T = Test to Verify, F = fair; U = No Data Available, NR = Not Recommended Unless Otherwise Stated,
Media are at 100% Concentration and at Room Temperture.

Parker Lucifer SA
Fluid Control Division Europe
CH-1227 Carouge-Genève

Fast switching valves 2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Magnalift	**Brass body**	**Normally closed**	3/8	8	7.0	118

Notes:
Magnalift valves: pressure range from 0 to max pressure.

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Fast switching valves

2/2

Applications

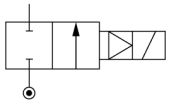
- Where extremely short response times and/or dry air service are required
- Textile weaving machines
- Printing machines
- Sorting machines
- Banknote counting machines.

Magnalift

Port size	Orifice (mm)	Flow factors (L/min)		Admissible differential pressure bar			Fluid temp. °C	Seat disc	Reference numbers				Power consumption (W)		Wt. (g)	Dim ref.
				Min	Max					OR						
G		kv	Qmax		DC	AC			Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

Brass body/Pipe mounting

Normally closed



3/8	8	-	40	0	7	-	-	PUR	-	**221J3301E** [1]	**2995.60**	**483816**	14	-	360	5
	8	-	40	0	7	-	-	PUR			**4270.60**	**486265**	14	-	490	

Notes:

1. Fast response and long life

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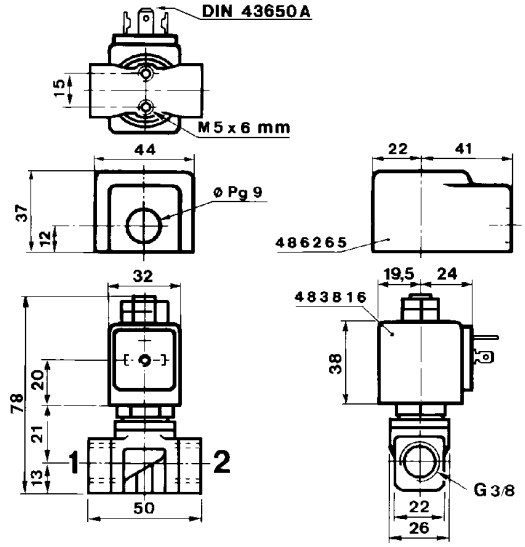
Fast switching valves 2/2 - Magnalift



Dimension reference 5

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U 033X52561D	7033XRN3SN1D	274/294
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E 121F4302	7121FBF4NV00	14/50
E 121F44	7121FBF4GF00	14/88
E 121F4406	7121FBF4GV00	14/50
121F47	7121FBF4LF00	14
121F4706	7121FBF4LV00	14/50
121F63	7121FBF4LR00	14/88
121F64	7121FBF4NR00	14/88
121F67	7121FBF4GR00	14/88
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121K01	7121KBG2SV00	12/48
121K0103	7121KBG2SE00	72
121K0150	7121KBG2SVMO	10/48
121K02	7121KBG2QV00	10/48
121K0250	7121KBG2QVM0	10/48
E 121K03	7121KBG2NF00	10/86
E 121K0302	7121KBG2NV00	10/46
121K0323	7121KBG2NE00	72
E 121K0352	7121KBG2NVM0	10/46
E 121K04	7121KBG2GF00	10/86
E 121K0402	7121KBG2GV00	8/46
E 121K07	7121KBG2LF00	10
121K0706	7121KBG2LV00	10/46
121K0756	7121KBG2LVM0	10/46
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121K1352	7121KBG1NVM0	8/46
E 121K14	7121KBG1GF00	8/86
E 121K23	7121KBG1LR00	8/86/102
121K2423	7121KBG1NRT0	104
121K3106	7121KBG3SV00	12/48/104
121K3206	7121KBG3QV00	12/48/104
121K3303	7121KBG3UE00	72
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E 121K64	7121KBG2NR00	10/86/104
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E 121K65	7121KBG2ER00	8/86/104
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122K8306	7122KBG2LV00	12/48
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122K84	7122KBG2GF00	12/88
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E 131K0308	7131KBG2LP00	130/228
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E 131K0350	7131KBG2LVM0	128/228
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131K0490	7131KBG2CV90	126/226
131K05	7131KBG2BF00	176
E 131K06	7131KBG2JV00	126/226
E 131K06081D	7131KBG2JP1D	128/228
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E 131K13	7131KBG1LV00	124
E 131K14	7131KBG1GV00	124
131K16	7131KBG1JV00	124
131K1650	7131KBG1JVM0	124
E 131K63	7131KBG2LR00	130
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131T2301	7131TBG2JVM0	126
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131T2901	7131TBG2LVM0	128
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132K04	7132KBG2GV00	132
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132T22	7132TBG2NVA0	134
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133F46	7133FBF4JV00	144
133F4650	7133FBF4JVM0	144
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E 133K0350	7133KBG2LVM0	134
E 133K04	7133KBG2GV00	134
E 133K04001D	7133KBG2GV1D	134
E 133K0450	7133KBG2GVM0	134
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133T21	7133TBG2NV00	134
133T2101	7133TBG2NVM0	134
133T23	7133TBG2JV00	134
133T2301	7133TBG2JVM0	134
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135K03	7135KBG2LV00	136/228
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221G1303	7221GBG3VE00	76
221G1330	7221GBG3VNH0	16/52/64
221G15	7221GBG4VN00	16/52/64
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221G1610	7221GBG51NC0	64
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221G1631	7221GBG51NCH	64
221G17	7221GBG61N00	18/52
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221G27	7221GBG61V00	18
221G27001D	7221GBG61V1D	18
221G2730	7221GBG61VH0	18
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221G5306	72218RG3TV00	20/54
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222G3503	72228BG4UES0	78
222G3506	72228BG4UV00	20/54
222G3603	72228BG5VES0	78
222G3606	72228BG5VV00	20/54
222G5303	72228RG3TE00	78
222G5306	72228RG3TV00	20/54
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222G5506	72228RG4UV00	20/54
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E 321F3202	7321FBF3TV00	34/92/110
E 321G36	7321GBG53N00	24/56
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E 321G3610	7321GBG53NMC	66
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E 321G3706	7321GBG64V00	24
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E 321G38	7321GBG76N00	26/58
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E 321G39	7321GBG88N00	28/58
E 321G3906	7321GBG88V00	26
E 321G3910	7321GBG88NMC	68
E 321G39101D	7321GBG88N3D	28
321G3990	-	26
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321G8512	73218BG4UTS0	80
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321K4106	7321KBG2SVW0	66
321K4156	7321KBG2SVMW	66
321K4303	7321KBG3TEW0	80
321K4306	7321KBG3TVW0	66
321K4356	7321KBG3TVMW	66
321K4503	7321KBG4TEW0	80
321K4506	7321KBG4TVW0	66
321K4556	7321KBG4TVMW	66
321K4603	7321KBG51EW0	80
321K4606	7321KBG51VW0	66
321K4656	7321KBG51VMW	66
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322G3810	7322GBG76NC0	68
322G39	7322GBG88N00	32/60
322G3906	7322GBG88V00	32
322G3910	7322GBG88NC0	68
322G40	7322GBG99N00	32/60
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322G4010	7322GBG99NC0	68
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322G8912	73228BG87TS0	82
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322H7506	7322HBG4UV00	32/92/110
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322K4306	7322KBG3TVW0	32
322K4506	7322KBG4TVW0	32
322K4606	7322KBG51VW0	32
322K4706	7322KBG62VW0	32
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325K4306	7325KBG3TVW0	34
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E 331B74	7331BAG2KNMO	150
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341L9588	7341LAPBGPL2	270
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341L9598	-	270
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341N02	2341NAKBPNM1	264
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341N21	7341NAKBJNM1	258
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U 341N3295	7341NRKNNN95	312
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U 341P0150	2341PRN2JNM1	296
341P02	2341PAG2HNM0	242
U 341P0250	2341PRN3NNM1	298
341P21	7341PAG1JNM0	238
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345B34	7345BAG2JNMR	192
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7221GBG51VH0	221G2630	18
7221GBG61E00	221G1703	76
7221GBG61N00	221G17	18/52
7221GBG61NC0	221G1710	64
7221GBG61NCH	221G1731	64
7221GBG61NH0	221G1730	18/52
7221GBG61V00	221G27	18
7221GBG61V1D	221G27001D	18
7221GBG61VH0	221G2730	18
7221GBG64E00	221G2103	76
7221GBG64N00	221G21	18/54
7221GBG64NC0	221G2110	64
7221GBG64NCH	221G2131	64
7221GBG64NH0	221G2130	18/52
7221GBG64V00	221G2106	18
7221GBG64VHO	221G2136	18
72228BG3TES0	222G3303	78
72228BG3TV00	222G3306	20/54
72228BG4UES0	222G3503	78
72228BG4UV00	222G3506	20/54
72228BG5VES0	222G3603	78
72228BG5VV00	222G3606	20/54
72228RG3TE00	222G5303	78
72228RG3TV00	222G5306	20/54
72228RG4UE00	222G5503	78
72228RG4UV00	222G5506	20/54
72228RG5VE00	222G5603	78
73218BG3TTS0	321G8312	80
73218BG4UTS0	321G8512	80
73218BG5VTS0	321G8612	80
73218BG64TS0	321G8712	82
73218BG75TS0	321G8812	82
73218BG87TS0	321G8912	82
7321BBG3TE00	-	80
7321BBG3TN00	-	56
7321BBG3TNM0	-	56
7321BBG4TE00	-	80
7321BBG4TN00	-	56
7321BBG4TNM0	-	56
7321BBG53E00	-	80
7321BBG53N00	-	56
7321BBG53NM0	-	56
7321BBG64E00	-	80
7321BBG64N00	-	56
7321BBG64NM0	-	58
7321BBG78E00	-	82
7321BBG78N00	-	58
7321BBG78NM0	-	58
7321BBG88E00	-	82

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7321BBG88NM0	-	58
7321BBG99E00	-	82
7321BBG99N00	-	58
7321BBG99NM0	-	58
7321BBGCBNM1	-	58
7321BBGDCNM1	-	58
7321FBF3TN00	E 321F32	34/60/92
7321FBF3TV00	E 321F3202	34/92/110
7321GBG53N00	E 321G36	24/56
7321GBG53NMC	E 321G3610	66
7321GBG53V00	E 321G3606	24
7321GBG64N00	E 321G37	26/58
7321GBG64N1D	E 321G37101D	26
7321GBG64NMC	E 321G3710	66
7321GBG64V00	E 321G3706	24
7321GBG76N00	E 321G38	26/58
7321GBG76NMC	E 321G3810	68
7321GBG76V00	E 321G3806	26
7321GBG88N00	E 321G39	28/58
7321GBG88N3D	E 321G39101D	28
7321GBG88NMC	E 321G3910	68
7321GBG88V00	E 321G3906	26
7321GBG99N00	E 321G40	30/58
7321GBG99N3D	E 321G40101D	30
7321GBG99NMC	E 321G4010	68
7321GBG99V00	E 321G4006	28
7321HBG2SN00	E 321H11	22/90
7321HBG2SV00	E 321H21	22/90/108
7321HBG3TN00	E 321H13	22/90
7321HBG3TV00	E 321H23	22/90/108
7321HBG3TVT0	321H2322	108
7321HBG4UN00	E 321H15	24/90
7321HBG4UV00	E 321H25	22/90/108
7321HBG4UVT0	321H2522	108
7321KBG2SEW0	321K4103	80
7321KBG2SVMW	321K4156	66
7321KBG2SVW0	321K4106	66
7321KBG3TEW0	321K4303	80
7321KBG3TVMW	321K4356	66
7321KBG3TVW0	321K4306	66
7321KBG4TEW0	321K4503	80
7321KBG4TVMW	321K4556	66
7321KBG4TVW0	321K4506	66
7321KBG51EW0	321K4603	80
7321KBG51VMW	321K4656	66
7321KBG51VW0	321K4606	66
7321KBG62EW0	321K4703	80
7321KBG62VMW	321K4756	66
7321KBG62VW0	321K4706	66
73228BG3TTS0	322G8312	82
73228BG4UTS0	322G8512	82
73228BG52TS0	322G8612	82
73228BG64TS0	322G8712	82
73228BG75TS0	322G8812	82
73228BG87TS0	322G8912	82
7322BBG3TN00	-	58
7322BBG4TN00	-	58

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7322BBG53N00	-	58
7322BBG64N00	-	60
7322BBG78N00	-	60
7322BBG88N00	-	60
7322BBG99N00	-	60
7322FBF3TN00	322F72	34/60/92
7322FBF3TV00	322F7206	34/92/110
7322GBG4UV00	322G7506	110
7322GBG53N00	322G36	32/58
7322GBG53NC0	322G3610	68
7322GBG53V00	322G3606	32
7322GBG64N00	322G37	32/60
7322GBG64NC0	322G3710	68
7322GBG64V00	322G3706	32
7322GBG76N00	322G38	32/60
7322GBG76NC0	322G3810	68
7322GBG76V00	322G3806	32
7322GBG88N00	322G39	32/60
7322GBG88NC0	322G3910	68
7322GBG88V00	322G3906	32
7322GBG99N00	322G40	32/60
7322GBG99NC0	322G4010	68
7322GBG99V00	322G4006	32
7322HBG2SN00	322H71	30/92
7322HBG2SV00	322H7106	30/90/108
7322HBG3TN00	322H73	32/92
7322HBG3TV00	322H7306	32/92/108
7322HBG4UN00	322H75	32/92
7322HBG4UV00	322H7506	32/92/110
7322KBG2SVW0	322K4106	32
7322KBG3TVW0	322K4306	32
7322KBG4TVW0	322K4506	32
7322KBG51VW0	322K4606	32
7322KBG62VW0	322K4706	32
7325KBG2SVW0	325K4106	34
7325KBG3TVW0	325K4306	34
7325KBG4TVW0	325K4506	34
7325KBG51VW0	325K4606	34
7325KBG62VW0	325K4706	34
7331BAG2KN00	331B02	150/178
7331BAG2KNL2	331B7480	150
7331BAG2KNMO	E 331B74	150
7331BAG2QN00	E 331B01	152
7331BAG4QN00	E 331B21	152
7331LAV4TN1D	E 331L21001D	156
7331LAV4TNM0	E 331L21	158
7332BAG2KN00	332B02	152/178
7332BAG2QN00	E 332B01	154
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7341BAG2JNL8	341B3480	188
7341BAG2JNM0	341B3403	188
7341BAG2JNMR	341B34	188
7341BAG2KN00	341B02	198
7341BAG2PN00	E 341B01	198
7341BAG3PN00	E 341B11	200
7341BAG4TN00	E 341B21	212
7341FAS3JNM0	341F3403	190
7341FAS3JNMR	341F34	190

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7341LAKBGN1D	341L95341D	270
7341LAKBGN90	341L9594	270
7341LAKBGNL2	341L9584	270
7341LAKBGNM0	341L9534	270
7341LAPBGPL2	341L9588	270
7341LAV4TN90	341L2190	216
7341LAV4TNM0	E 341L21	218
7341LDC1LNL8	341L0180	218
7341LDC1LNM8	E 341L01	218
7341LDC1LNMI	E 341L02	218
7341LMG2NNM0	E 341L1130	204/254
7341NAKBHN90	341N3190	260
7341NAKBJN1D	341N31001D	260
7341NAKBJNL2	341N3180	260
7341NAKBJNM0	341N31	260
7341NAKBJNM1	341N21	258
7341NAKBJP1D	341N31081D	260
7341NAKBJPM0	341N3108	260
7341NAKBPN1D	341N32001D	266
7341NAKBPN90	341N3290	266
7341NAKBPNL2	341N3280	266
7341NAKBPNM0	341N32	266
7341NAKBPNM1	341N22	264
7341NRKDJN00	U 341N3150	308
7341NRKDJN1D	U 341N31501D	308
7341NRKDJN92	U 341N3192	310
7341NRKDJN95	U 341N3195	310
7341NRKNNN00	U 341N3250	312
7341NRKNNN92	U 341N3292	312
7341NRKNNN95	U 341N3295	312
7341PAG1JN1D	341P21001D	240
7341PAG1JN90	341P2190	238
7341PAG1JNL2	341P2180	238
7341PAG1JNM0	341P21	238
7341PAG1JPM0	341P2108	238
7341PAG2PN1D	341P22001D	246
7341PAG2PN90	341P2290	244
7341PAG2PNL2	341P2280	244
7341PAG2PNM0	341P22	244
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7341PRN2JN92	U 341P3192	296
7341PRN2JN95	U 341P3195	298
7341PRN2JN9D	U 341P31951D	298
7341PRN3NN00	U 341P3250	300
7341PRN3NN92	U 341P3292	300
7341PRN3NN95	U 341P3295	300
7341PRN3NN9D	U 341P32951D	302
7345BAG2JNMR	345B34	192
7345BAG2PN00	345B04	200
7345BAG4TN00	345B24	212
7345FAS3JNMR	345F34	194
7345LAV4TNM0	345L21	218
7345LDC1LNM8	345L01	220
7345PAG1JNM0	345P21	242
7347LMG2NNM0	E 347L1130	208
7347NAKBHNM0	347N31	262
7347NAKBPNM0	347N32	268
7347NRKDHN92	U 347N3192	314
7347NRKDHNM0	U 347N3150	314
7347NRKNNN00	U 347N3250	314
7347PAG1HN90	347P2190	240
7347PAG1HNM0	347P21	240
7347PAG2PNM0	347P22	244
7347PRN2JN00	U 347P3150	304
7347PRN2JN95	U 347P3195	304
7347PRN3NN00	U 347P3250	304
7347PRN3NN95	U 347P3295	306
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7441PAG1JPM0	441P2108	242
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7541LDC1LNR0	541L01	220
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7541PAG1JP00	541P0108	244
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-	321K3506	22
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-	321K3606	24
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-	341B3490	188
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-	341L9504	270
-	341L9598	270
-	347L11	206/252
-	347L9101	198/254
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Parker Hannifin Corporation

About Parker Hannifin Corporation

Parker Hannifin is a leading global motion-control company dedicated to delivering premier customer service. A Fortune 500 corporation listed on the New York Stock Exchange (PH), our components and systems comprise over 1,400 product lines that control motion in some 1,000 industrial and aerospace markets. Parker is the only manufacturer to offer its customers a choice of hydraulic, pneumatic, and electromechanical motion-control solutions. Our Company has the largest distribution network in its field, with over 7,500 distributors serving more than 400,000 customers worldwide.

Parker's Charter

To be a leading worldwide manufacturer of components and systems for the builders and users of durable goods. More specifically, we will design, market and manufacture products controlling motion, flow and pressure. We will achieve profitable growth through premier customer service.

Product Information

North American customers seeking product information, the location of a nearby distributor, or repair services will receive prompt attention by calling the Parker Product Information Center at our toll-free number: 1-800-C-PARKER (1-800-272-7537). In the UK, a similar service is available by calling 0500-103-203.

The Aerospace Group is a leader in the development, design, manufacture and servicing of control systems and components for aerospace and related high-technology markets, while achieving growth through premier customer service.

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Catalogue 8930/GB
October 2003