

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).

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

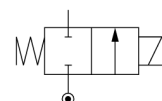
2/2



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 kv	Qmax	Gases Qn	Min	Max	Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

Normally closed



Brass body/Pipe mounting

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	

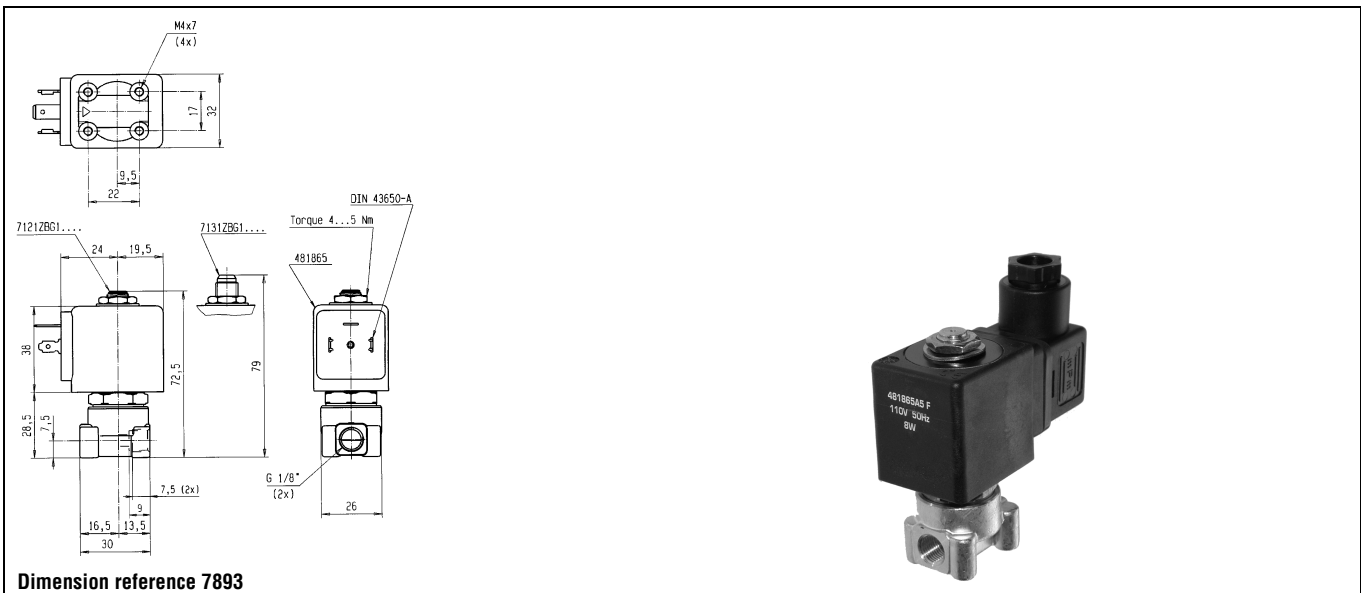
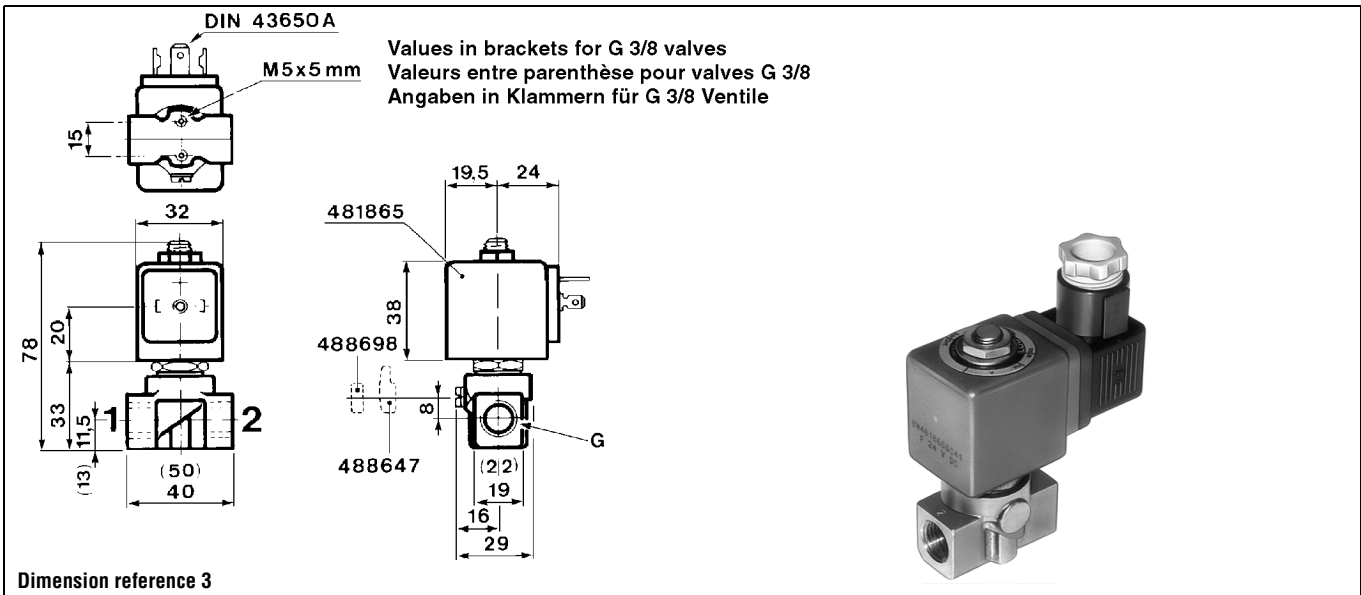
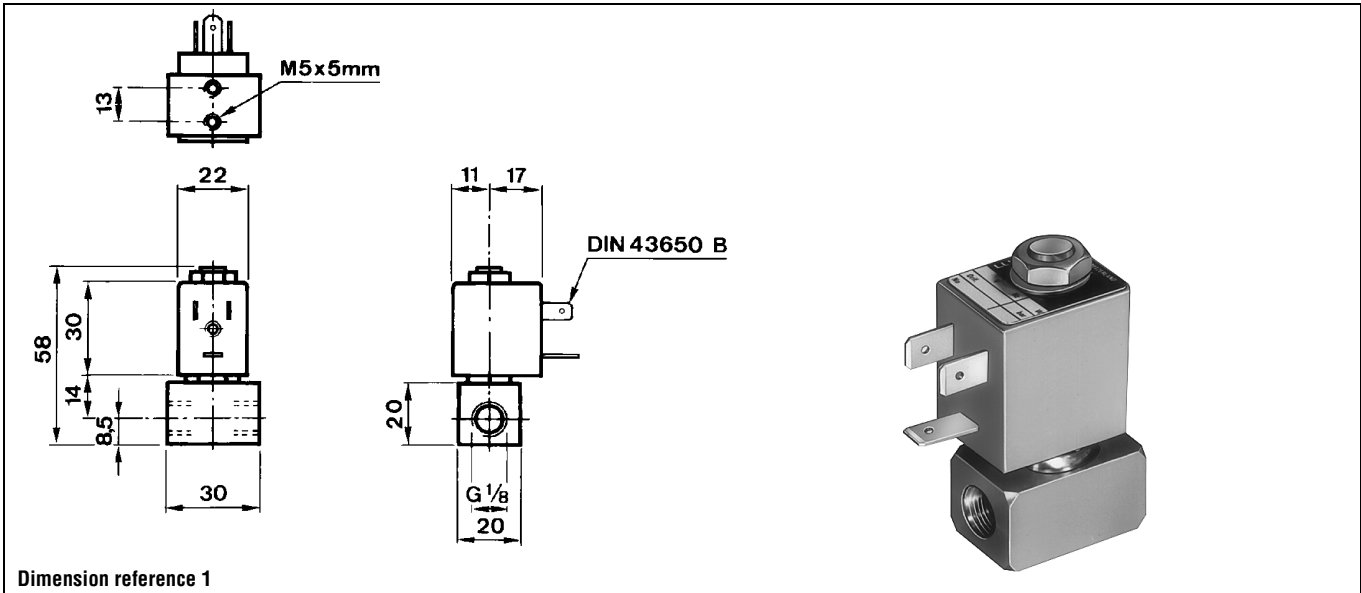
Table continued on page 10

Notes:

* See Electrical Parts Group table at end of section

1. Manual override standard

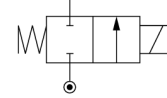
General application valves 2/2 - Direct operated



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 kv	Qmax	Gases Qn	Min	Max DC	AC	Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

Normally closed



Brass body/Pipe mounting

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		

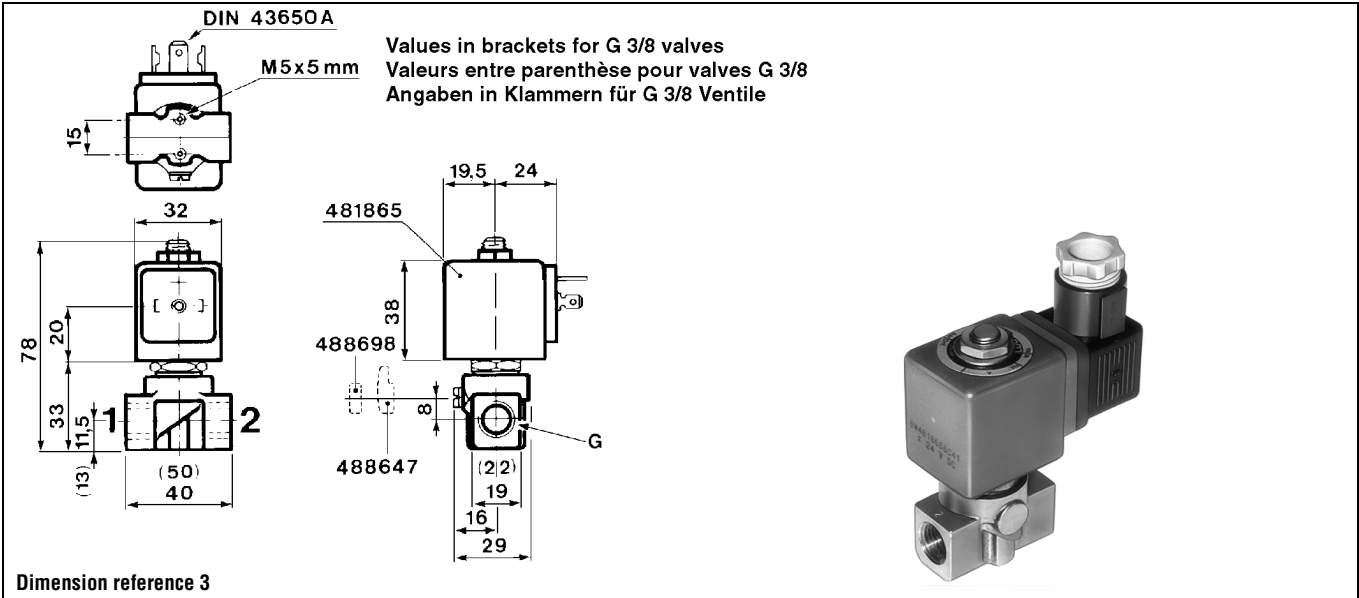
Table continued on page 12

Notes:

* See Electrical Parts Group table at end of section

1. Manual override standard

General application valves 2/2 - Direct operated

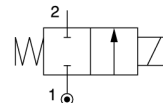


General application valves 2/2 - Direct operated

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 kv	Qmax	Gases Qn	Min	Max DC	AC	Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

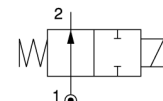
Brass body/Pipe mounting

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		

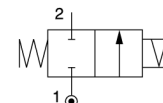
Normally open



Brass body/Pipe mounting

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

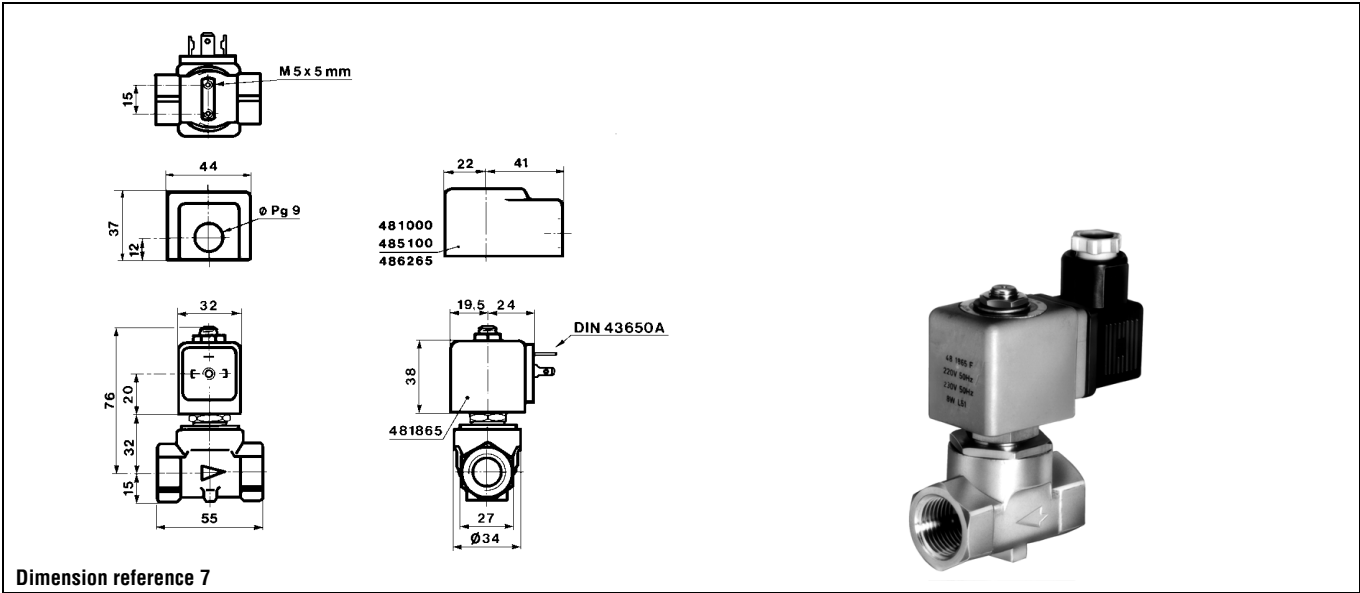
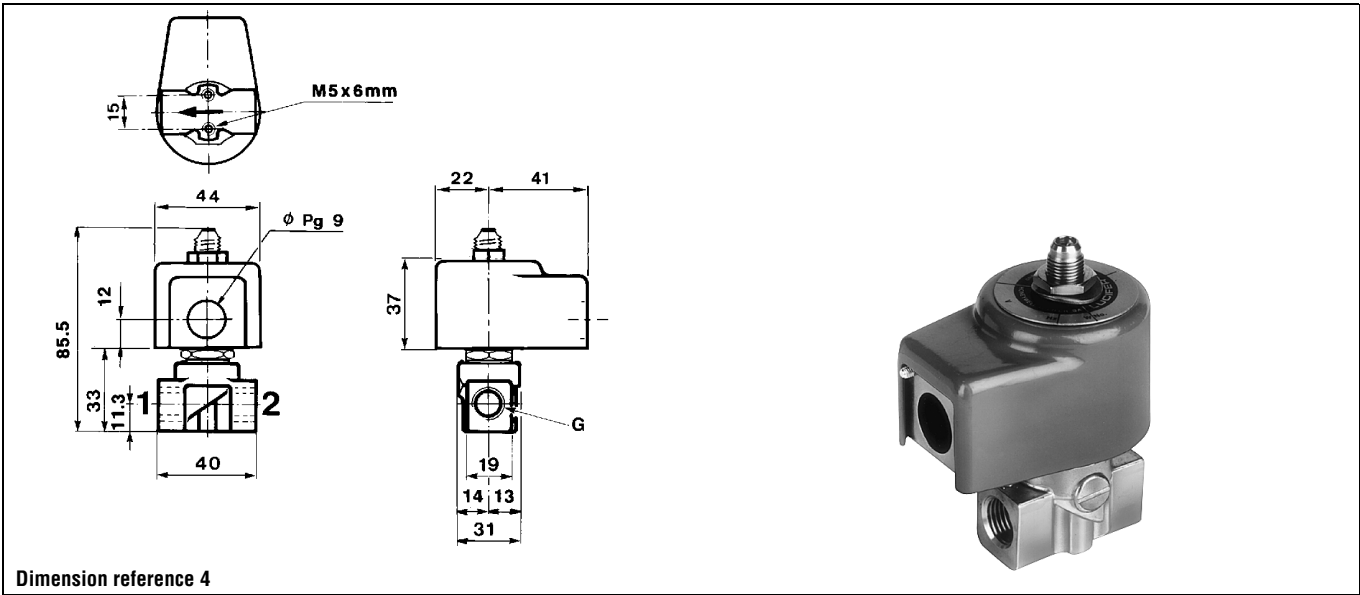
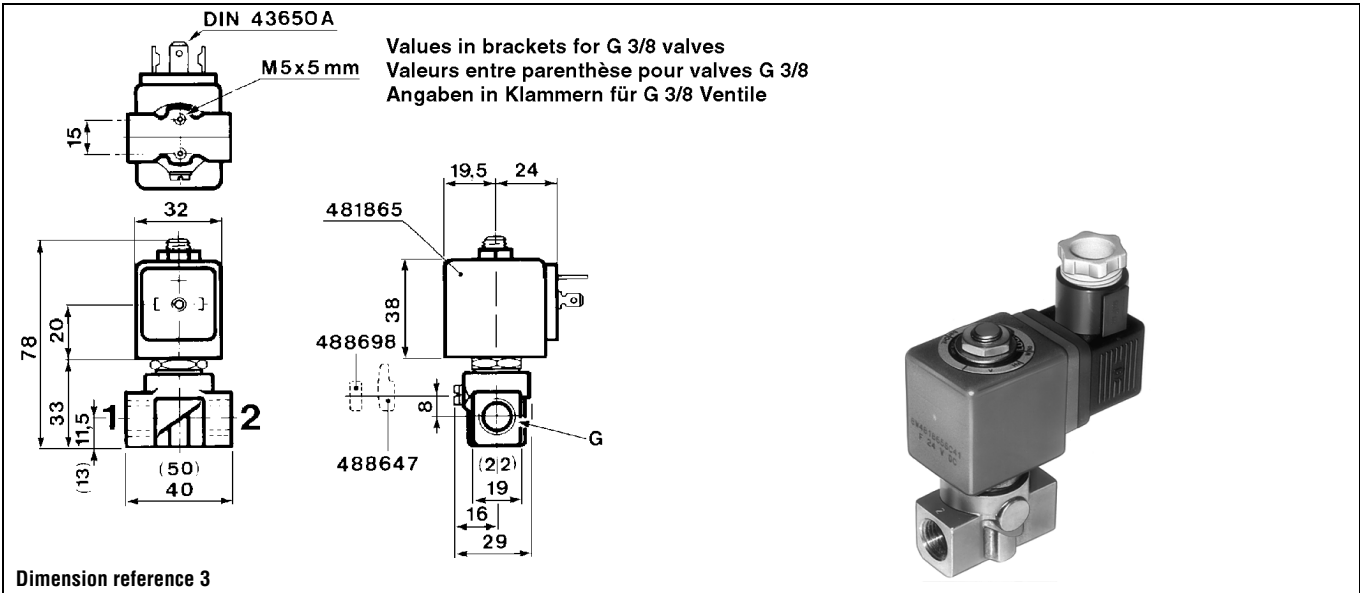
1/4	3	4.5	20	320	0	-	20	75	75	75	PCTFE	7125KBG2NF00	125K03	4269	484990	-	11	430	4	3
	3	4.5	20	320	0	7	-	75	75	75	PCTFE			4269	485400	13	-	430	4	

Table continued on page 14

Notes:

* See Electrical Parts Group table at end of section

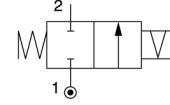
General application valves 2/2 - Direct operated



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 kv	Qmax	Gases Qn	Min	Max DC	AC	Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

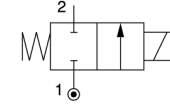
Magnetic latch control



Brass body/Pipe mounting

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	

Normally closed



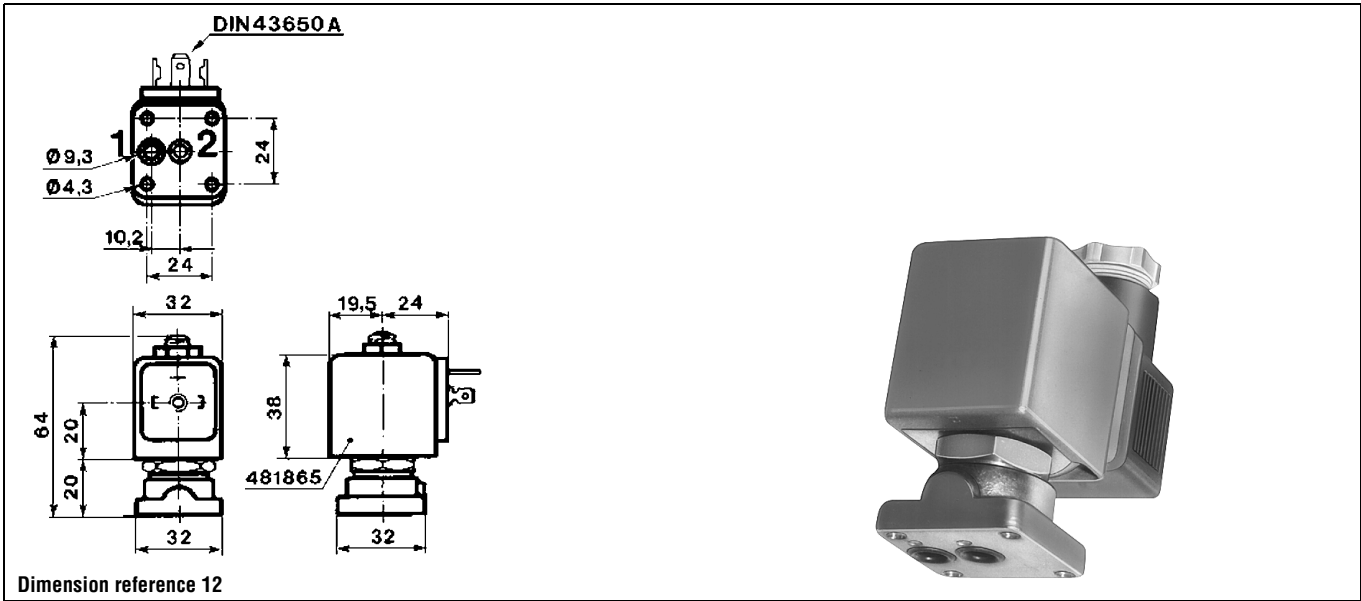
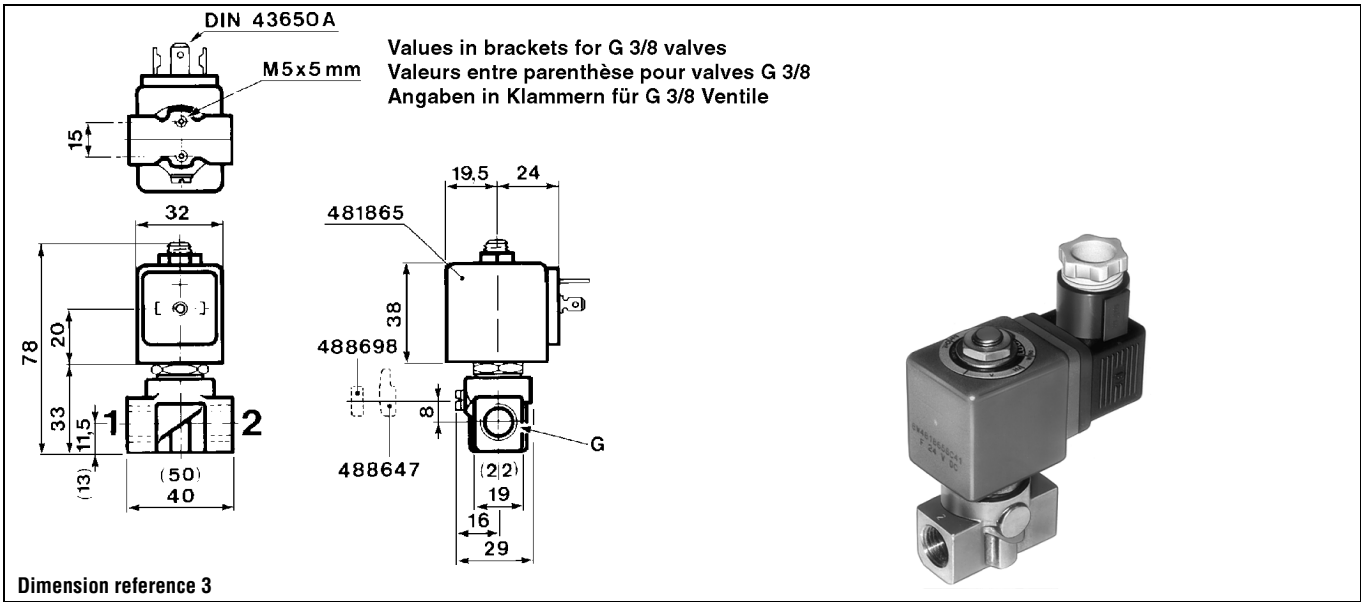
Brass body/Sub-base mounting

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

General application valves 2/2 - Direct operated



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

2/2

Applications

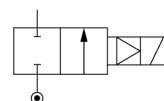
Magnalift valves are recommended in applications where the minimum pressure cannot be held at a sufficient level, i.e. where the effective supply pressure may be zero. This concerns applications like filling/emptying tanks by gravity and any other applications with a minimum pressure of zero.



Magnalift

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

Normally closed



Brass body/Pipe mounting

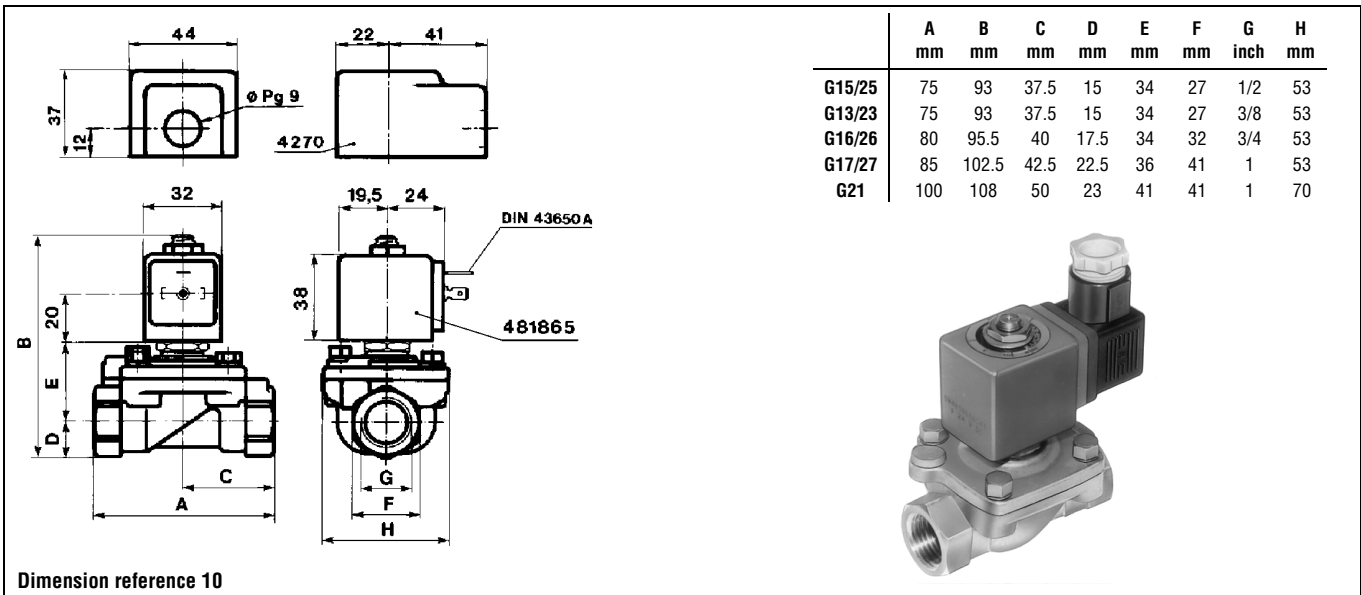
3/8	15	65	65	4500	0	10	-	100	-	100	FKM	7221GBG3VVH0	221G2330	2995	481865	¹	9	-	630	10
	15	65	65	4500	0	10	10	65	-	65	FKM			4270.06	492070	¹	8	8	1000	
	15	65	65	4500	0	10	10	75	-	75	FKM			4270.06	492190	¹	9	11	1000	
	15	65	65	4500	0	-	16	100	-	100	FKM	7221GBG3VV00	221G23	2995	481865	¹	9	8	630	10
	15	65	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

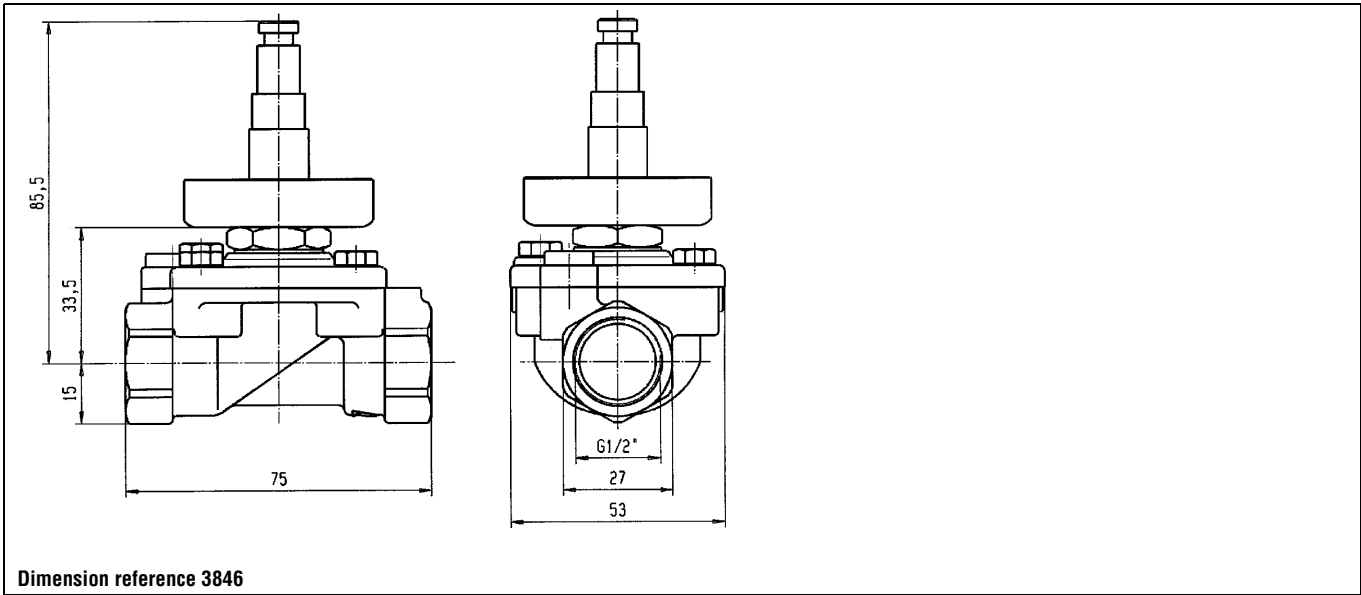
Notes:

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.

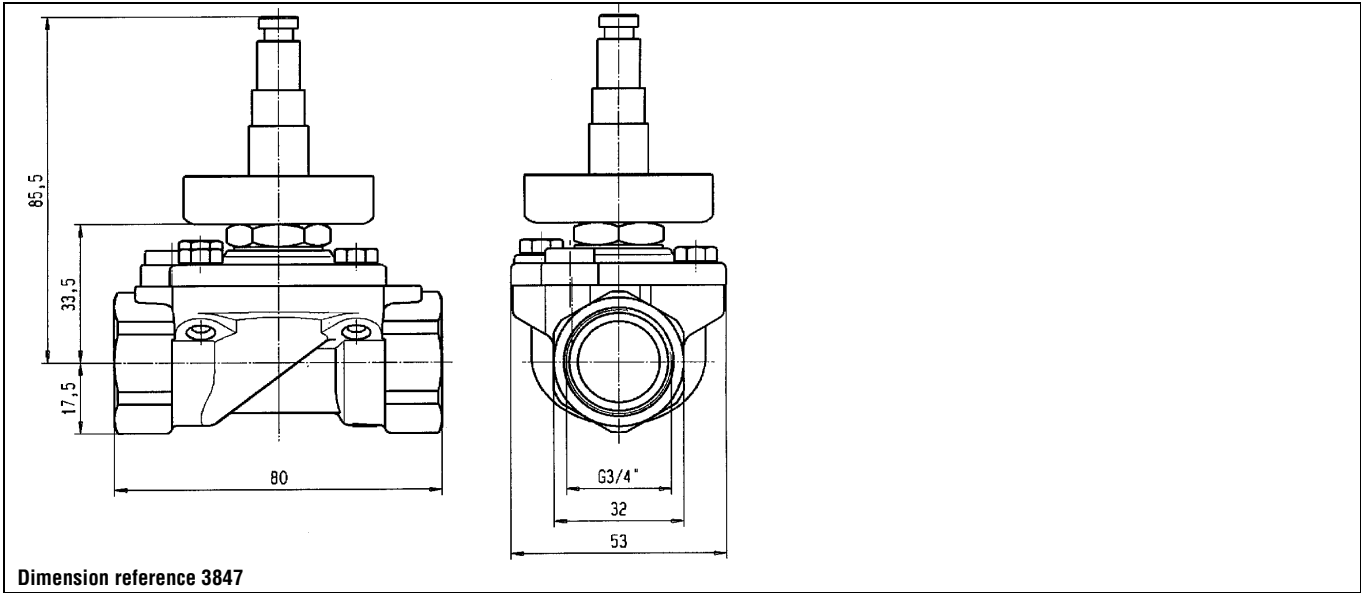
General application valves 2/2 - Magnalift



Dimension reference 10



Dimension reference 3846

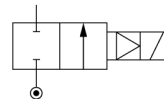


Dimension reference 3847

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				OR	Power consumption (W)		Wt. (g)	Dim ref.
		Liquids kv	Qmax	Gases Qn	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil		DC	AC		

Normally closed



Brass body/Pipe mounting

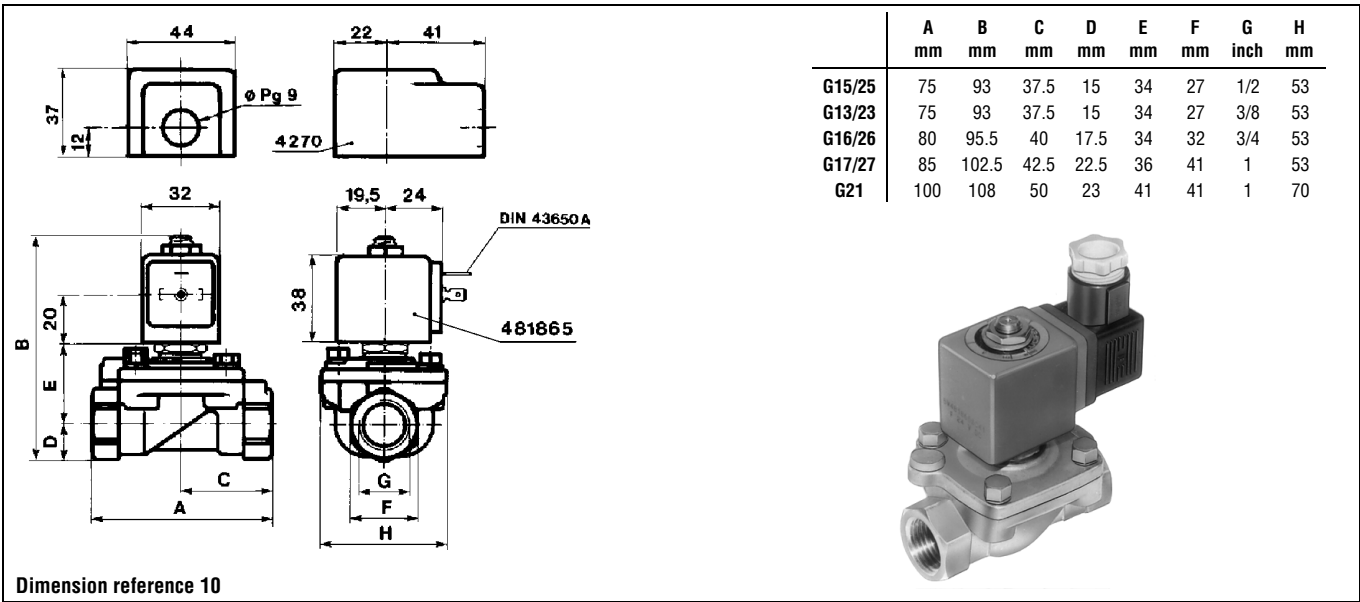
3/4	15	80	80	6000	0	10	-	100	-	100	FKM	7221GBG51VH0	221G2630	2995	481865 ¹	9	-	670	10
	15	80	80	6000	0	10	10	65	-	65	FKM			-	492070 ¹	8	8	1040	
	15	80	80	6000	0	10	10	75	-	75	FKM			-	492190 ¹	9	11	1040	
	15	80	80	6000	0	-	16	100	-	100	FKM	7221GBG51V00	221G26	2995	481865	-	8	670	10
	15	80	80	6000	0	-	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 ¹	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

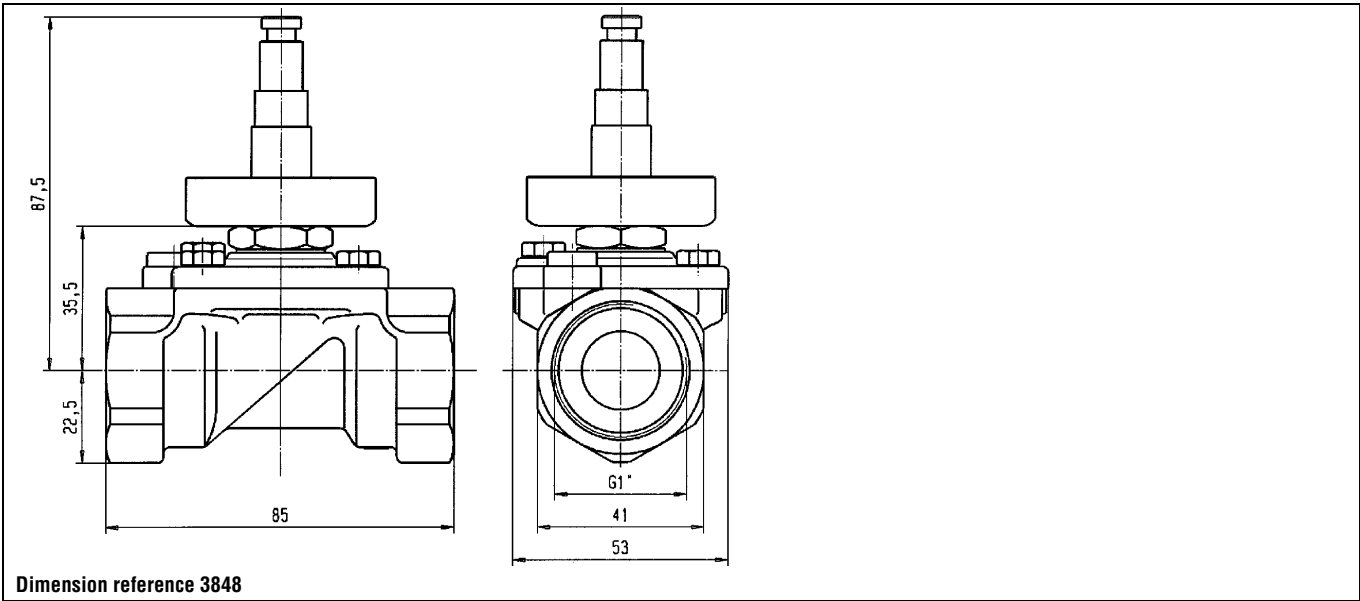
Notes:

- 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.

General application valves 2/2 - Magnalift



Dimension reference 10



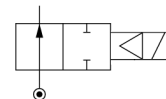
Dimension reference 3848

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				OR	Power consumption (W)		Wt. (g)	Dim. ref.
		Liquids kv	Qmax	Gases Qn	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil		DC	AC		
G																				

Brass body/Pipe mounting

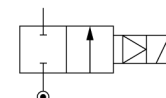
Normally open



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

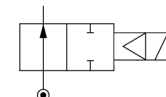
Normally closed



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	

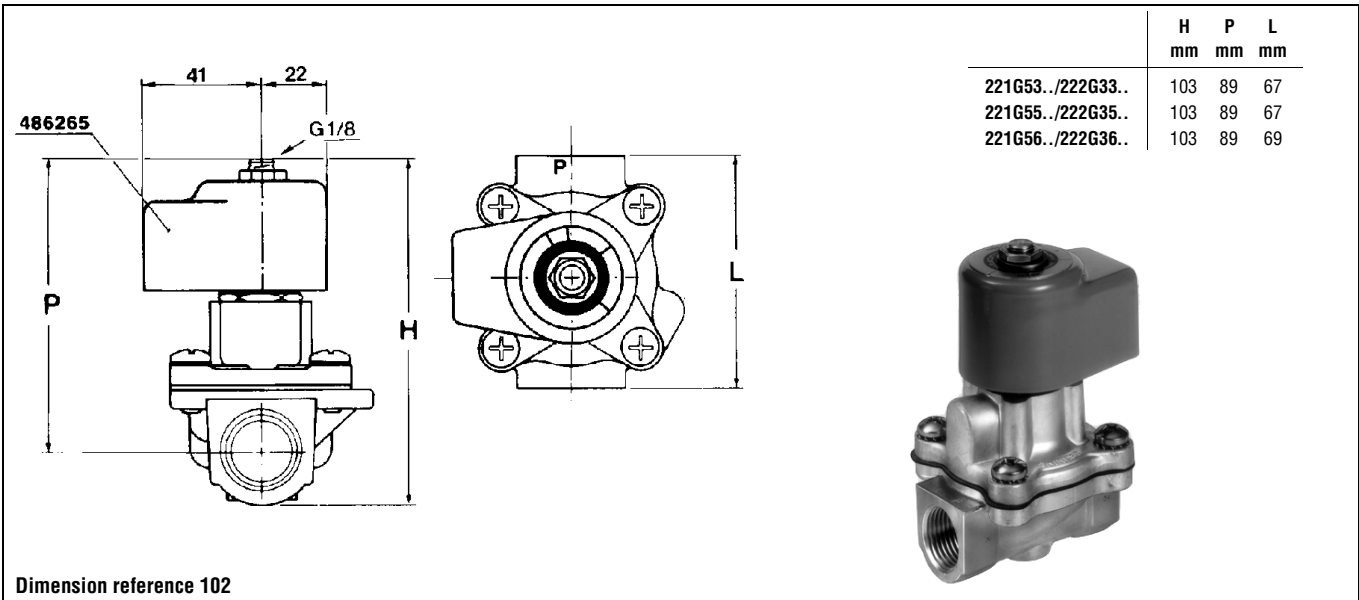
303 Stainless steel body/Pipe mounting

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

General application valves 2/2 - Magnalift



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

2/2

Applications

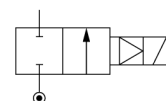
Pilot operated valves are ideally suited to shut-off applications of liquids with high flow and pressure. A minimum operating pressure is required: refer to tables.



Pilot operated

Port size	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 kv	Gases Qmax	Gases Qn	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

Normally closed



Brass body/Pipe mounting

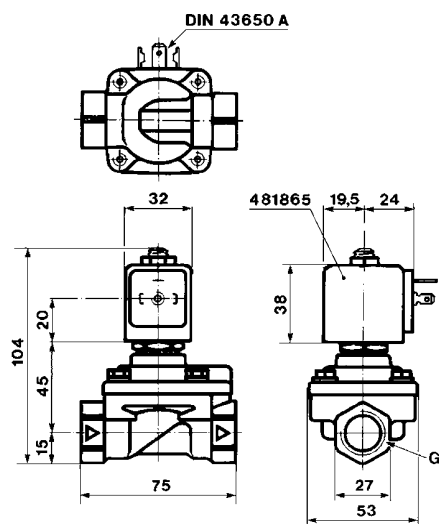
1/4	8	36	36	-	0.3	25	40	-	100	100	FKM	7321HBG2SV00	E321H21	1	2995	481865	9	8	800	2	9	
	8	36	36	-	0.3	30	40	-	100	100	FKM				4270	481000	8	8	920	2		
	8	36	36	-	0.3	40	40	-	100	100	FKM				4270	486265	14	14	930	2		
	8	36	36	1600	0.3	25	40	100	75	100	NBR	7321HBG2SN00	E321H11	1	2995	481865	9	8	800	2	9	
	8	36	36	1600	0.3	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	25	40	-	100	100	FKM	7321HBG3TV00	E321H23	1	2995	481865	9	8	780	2	9	
	11	50	50	-	0.3	30	40	-	100	120	FKM				4270	481000	8	8	900	2		
	11	50	50	-	0.3	40	40	-	100	140	FKM				4270	486265	14	14	910	2		
	11	50	50	2800	0.3	25	40	100	75	100	NBR	7321HBG3TN00	E321H13	1	2995	481865	9	8	780	2	9	
	11	50	50	2800	0.3	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	25	40	-	100	100	FKM	7321HBG4UV00	E321H25	1	2995	481865	9	8	740	2	9	
	14.5	60	60	-	0.3	30	40	-	100	120	FKM				4270	481000	8	8	860	2		
	14.5	60	60	-	0.3	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

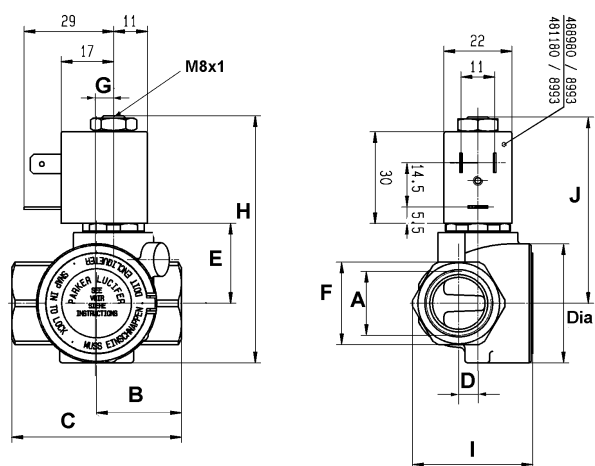
Notes:

- * 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)

General application valves 2/2 - Pilot operated

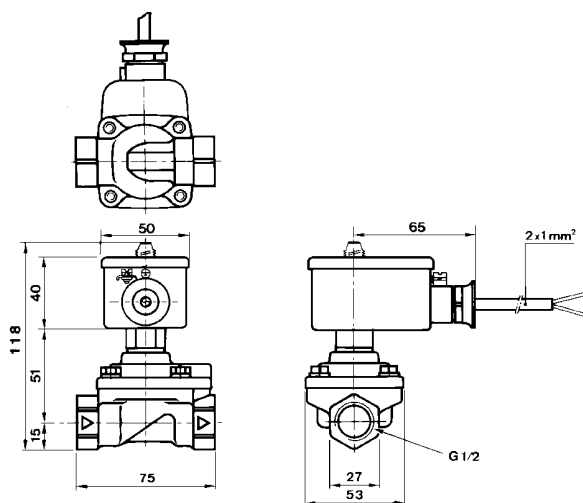


Dimension reference 9

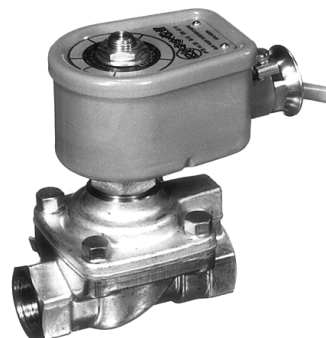


Dimension reference 72

	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



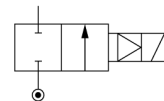
Dimension reference 75



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 kv	Qmax	Gases Qn	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

Normally closed



Brass body/Pipe mounting

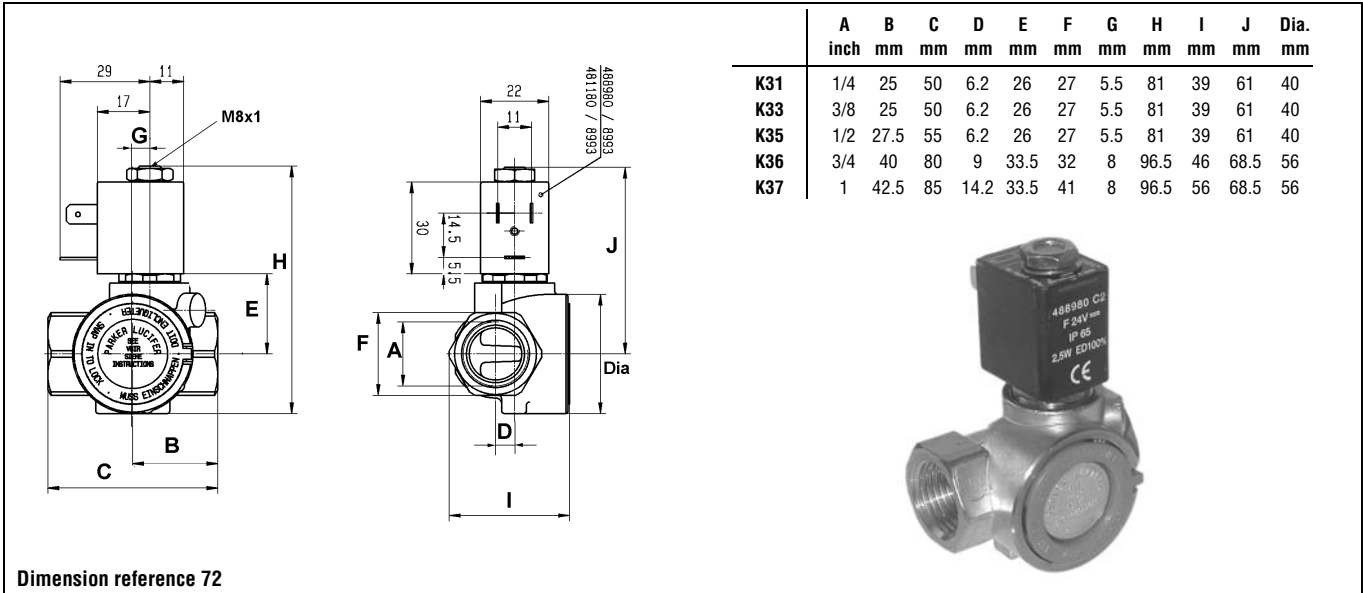
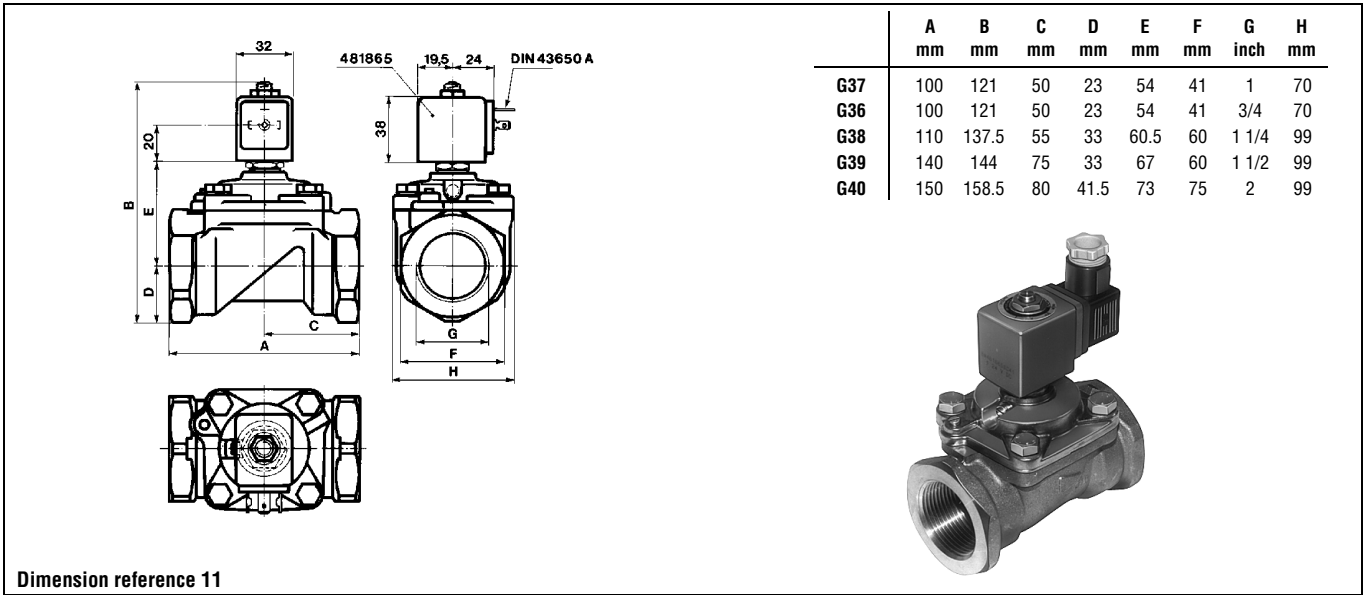
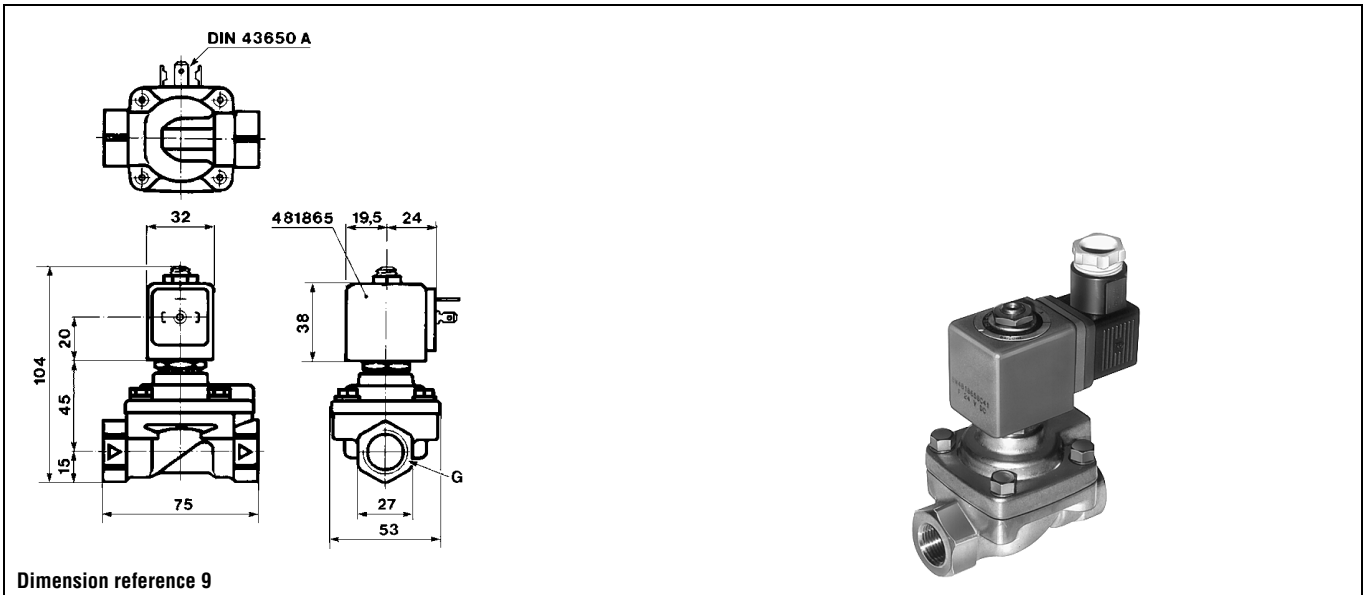
1/2	14.5	60	60	3150	0.3	25	40	100	75	100	NBR	7321HBG4UN00	E321H15	1	2995	481865	9	8	740	2	9
	14.5	60	60	3150	0.3	30	40	100	75	100	NBR				4270	481000	8	8	860	2	
3/4	18	100	100	9400	0.3	10	10	100	100	100	FKM	-	321K3606		8993	481180	5	4	590	1	72
	18	100	100	9400	0.3	7	10	75	75	75	FKM				8993	488980	2.5	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

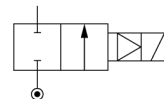
General application valves 2/2 - Pilot operated



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 kv	Gases Qmax	Gases Qn	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

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, 488670.01 (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

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

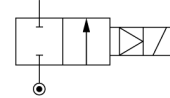
Dimension reference 76

Dimension reference 3849

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 kv	Gases Qn	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

Normally closed



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, 488670.01 (refer to electrical parts at end of this section)

3. This reference no. is for the complete electrical part (coil + housing)

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

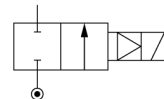
Dimension reference 3850

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 kv	Gases Q _{max}	Gases Q _n	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

Brass body/Pipe mounting

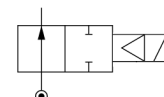
Normally closed



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



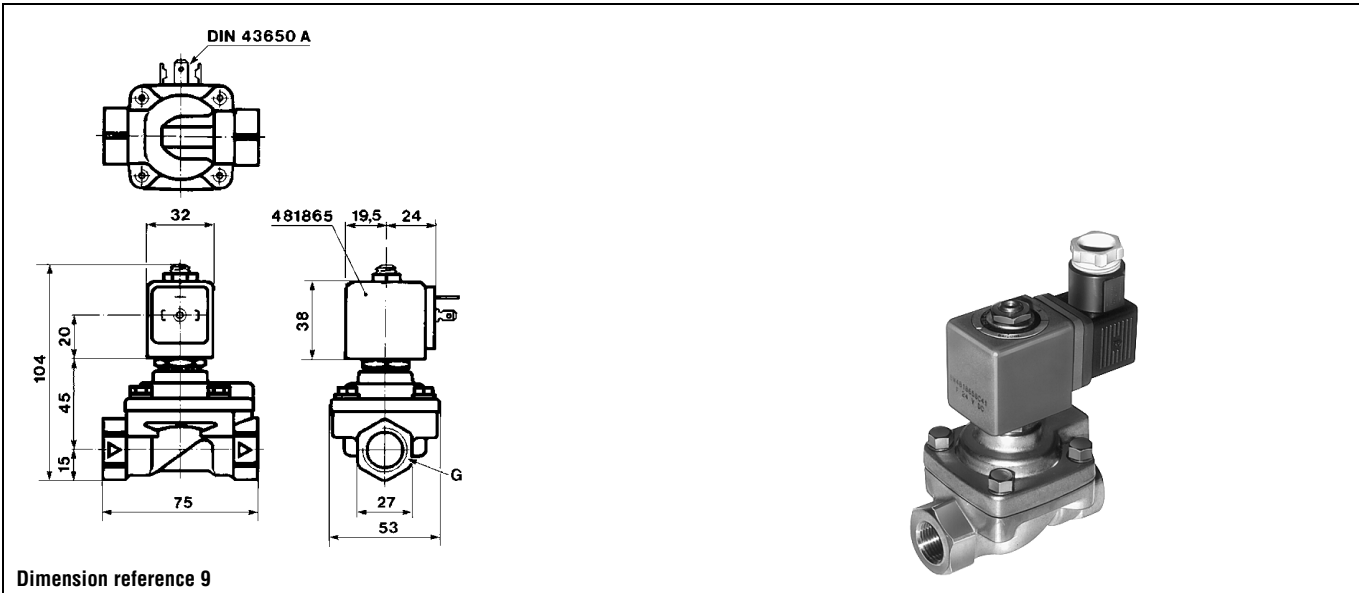
1/4	8	36	36	-	0.3	3	40	40	-	100	100	FKM	7322HBG2SV00	322H7106	² 2995	481865	9	8	820		9
	8	36	36	-	0.3	3	40	40	-	120	120	FKM			4270	481000	8	8	940		
	8	36	36	-	0.3	3	40	40	-	140	140	FKM			4270	486265	14	14	950		
	8	36	36	1600	0.3	3	25	40	100	75	100	NBR	7322HBG2SN00	322H71	² 2995	481865	9	8	840		9
	8	36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

Table continued on page 32

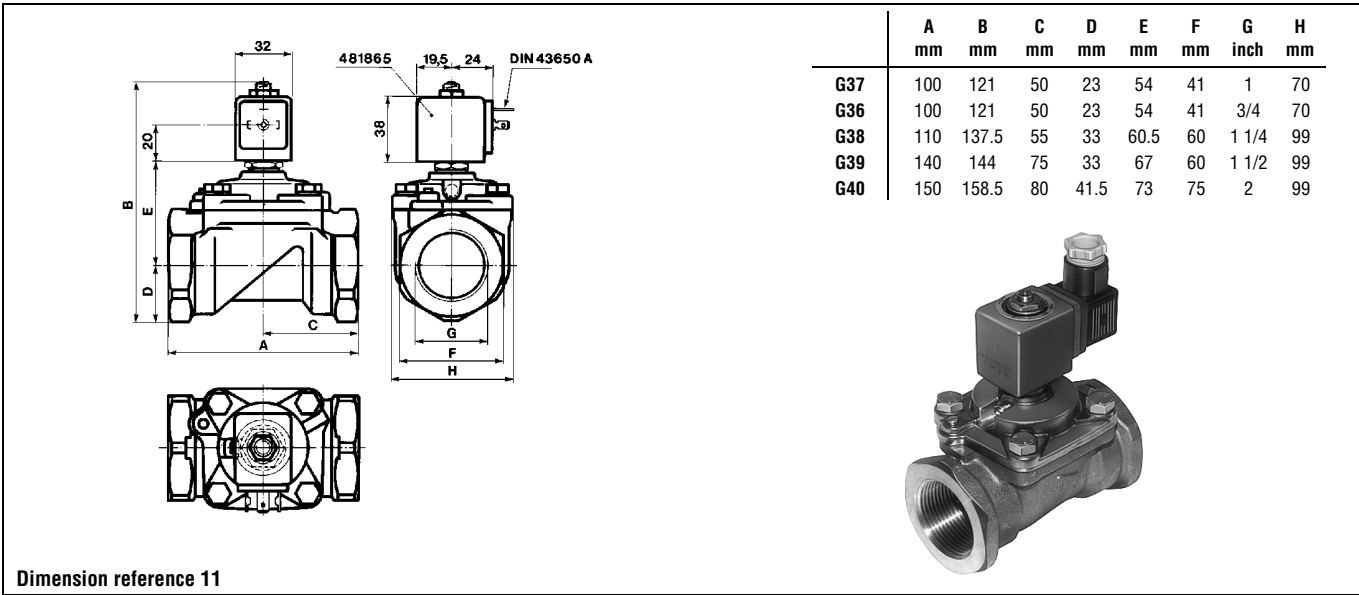
Notes:

- * 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

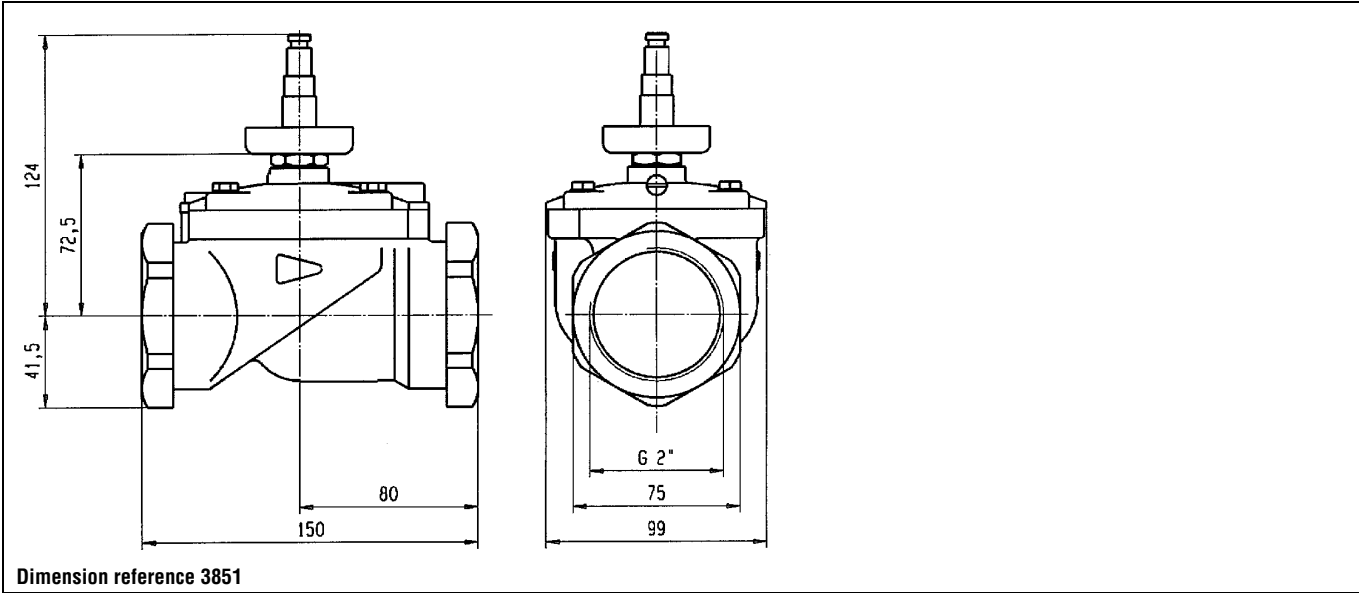
General application valves 2/2 - Pilot operated



Dimension reference 9



Dimension reference 11

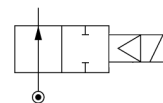


Dimension reference 3851

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 kv	Gases Q _{max}	Gases Q _n	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

Normally open



Brass body/Pipe mounting

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	
1/2	12	45	45	3050	0.3	12	12	120	100	120	FKM			4270	481000	8	8	610			
	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			
3/4	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			
	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			
1	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			
	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			
1 1/4	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			
	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			
1 1/2	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			
	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			
2	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			
	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

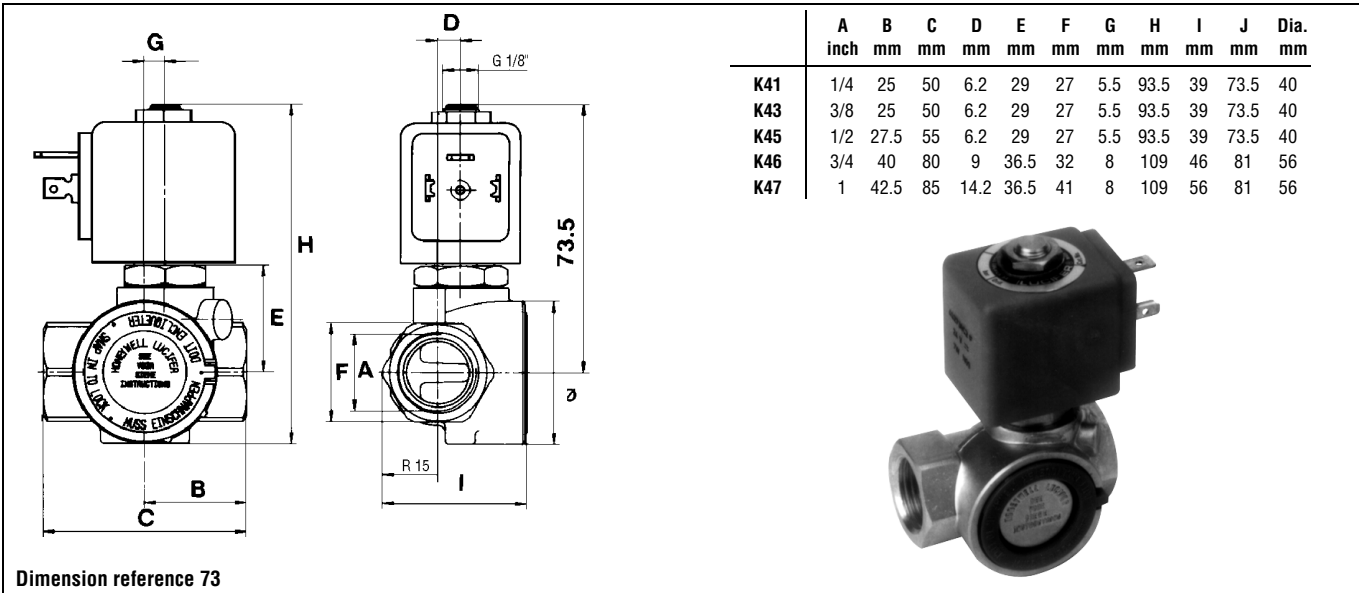
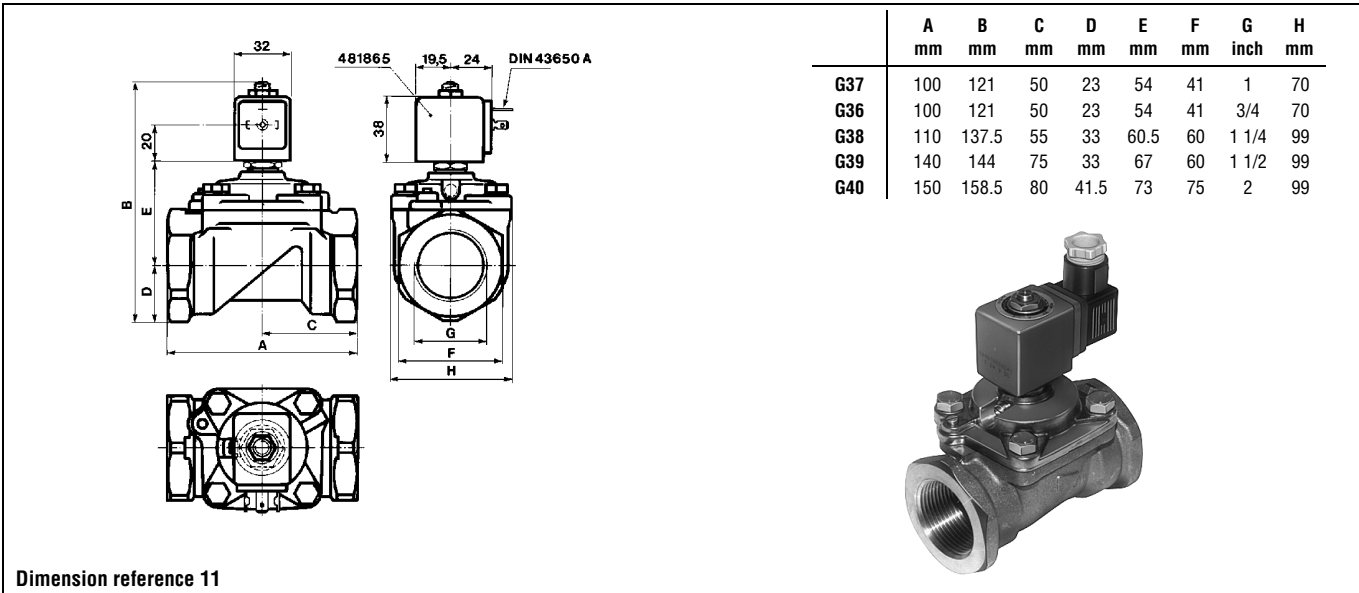
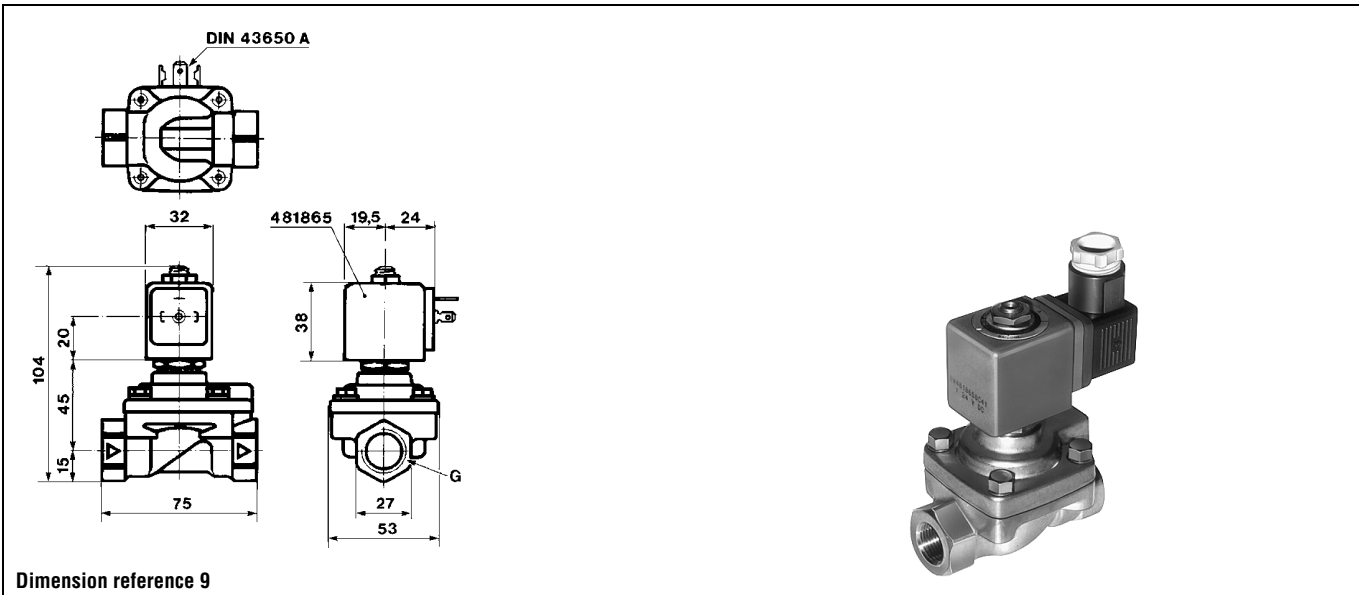
Notes:

* 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

General application valves 2/2 - Pilot operated

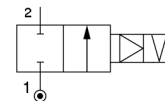


General application valves 2/2 - Pilot operated

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 kv	Gases Qn	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC			

Brass body/Pipe mounting

Magnetic latch control

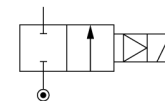


325 K41

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

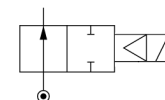
Normally closed



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	2	25	40	100	75	100	NBR	7321FBF3TN00	E321F32	1	2995	481865	9	8	650	2	13
	14	45	45	2100	0.3	2	30	40	100	75	100	NBR				4270	481000	8	8	770	2	
	14	45	45	2100	0.3	2	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		
	14	45	45	2100	0.3	2	40	40	75	75	75	NBR				4270	481000	8	8	770		

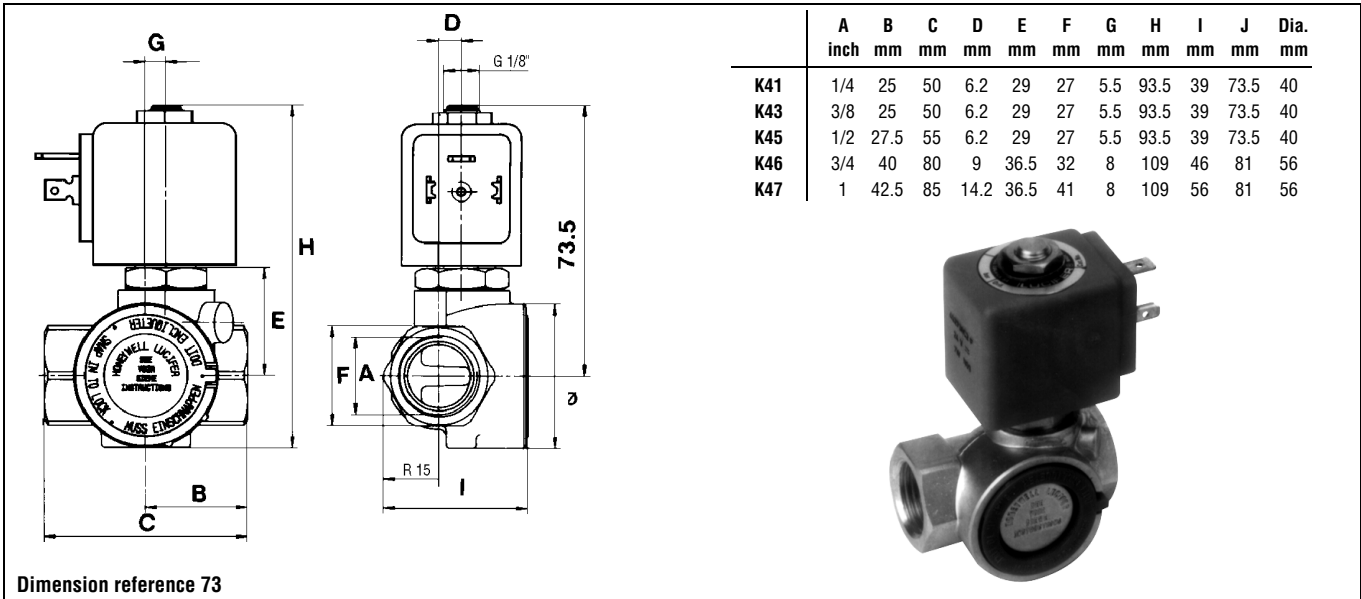
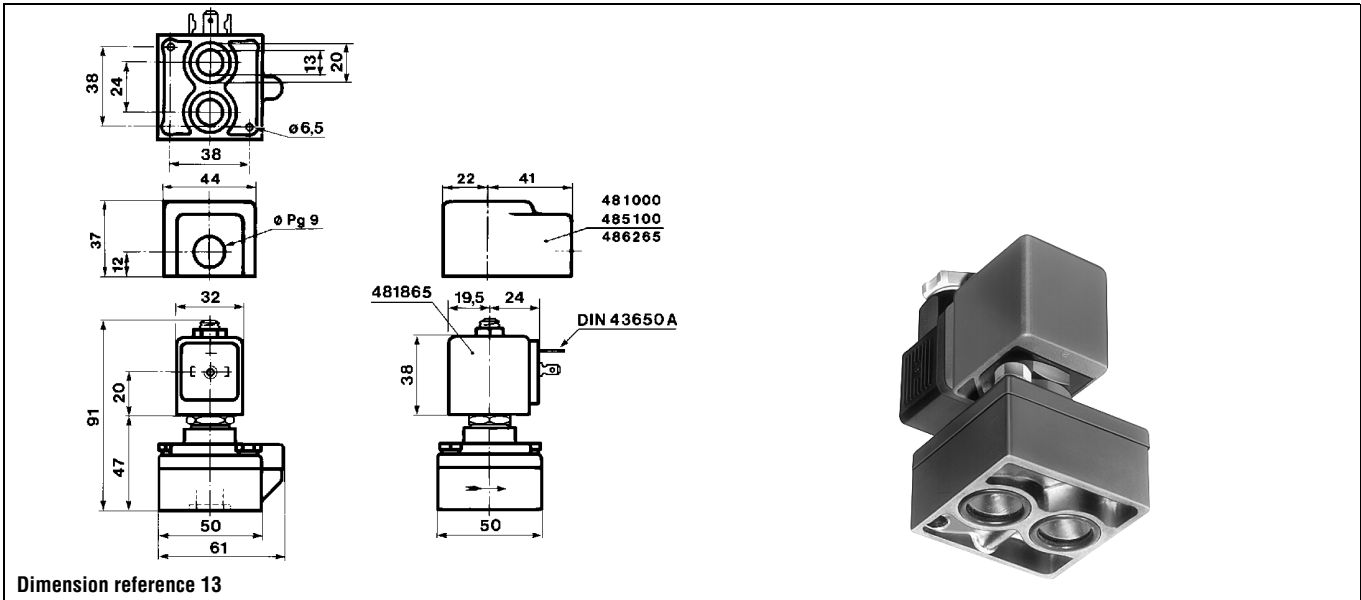
Notes:

* 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

General application valves 2/2 - Pilot operated



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		Coil Order No.	Coil Ref. No.	Connection	Housing Order No.	Housing Ref. No.	Ambient temp.	
				DC	AC						min.	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
	50 mm (Std)	IP 65		14 W	14 W	DZ09	492727	with DIN plug	N1	2995	-40	50
		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	1.6 W	-	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.