

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.

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2/2

Applications

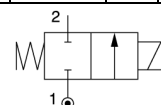
The valves in this section are made of corrosion-resistant material internally and externally. Please refer to the fluid compatibility chart in this catalogue for detailed fluid compatibility.



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

Normally closed



303 Stainless steel body/Pipe mounting

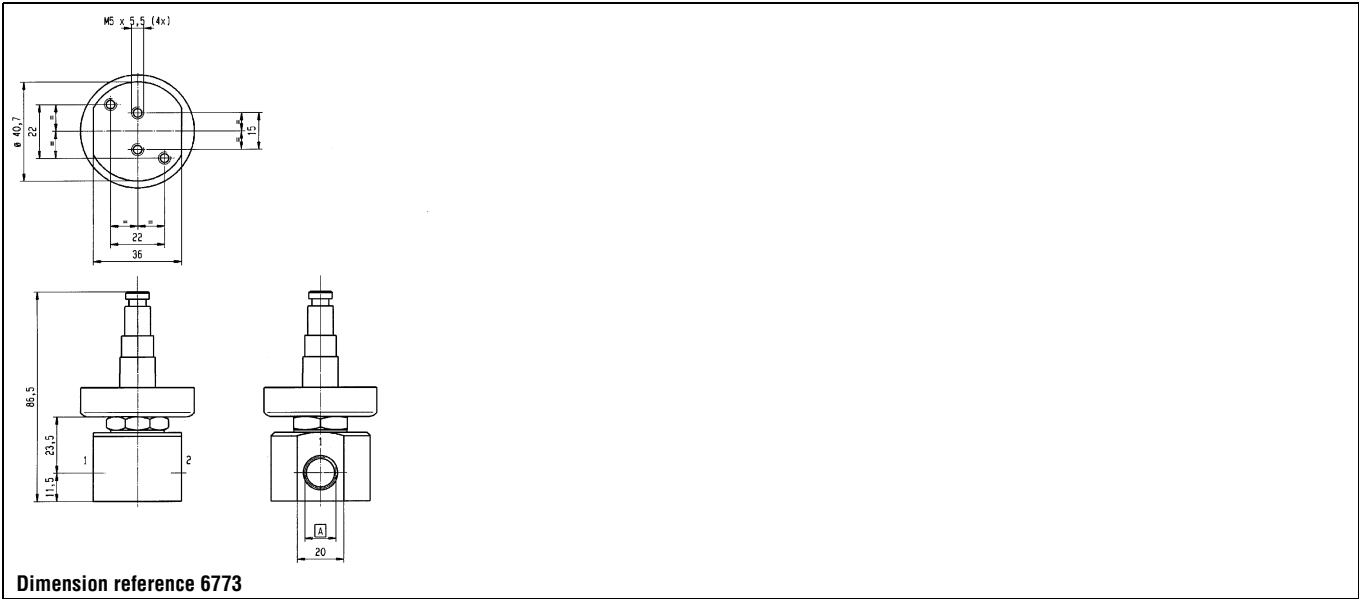
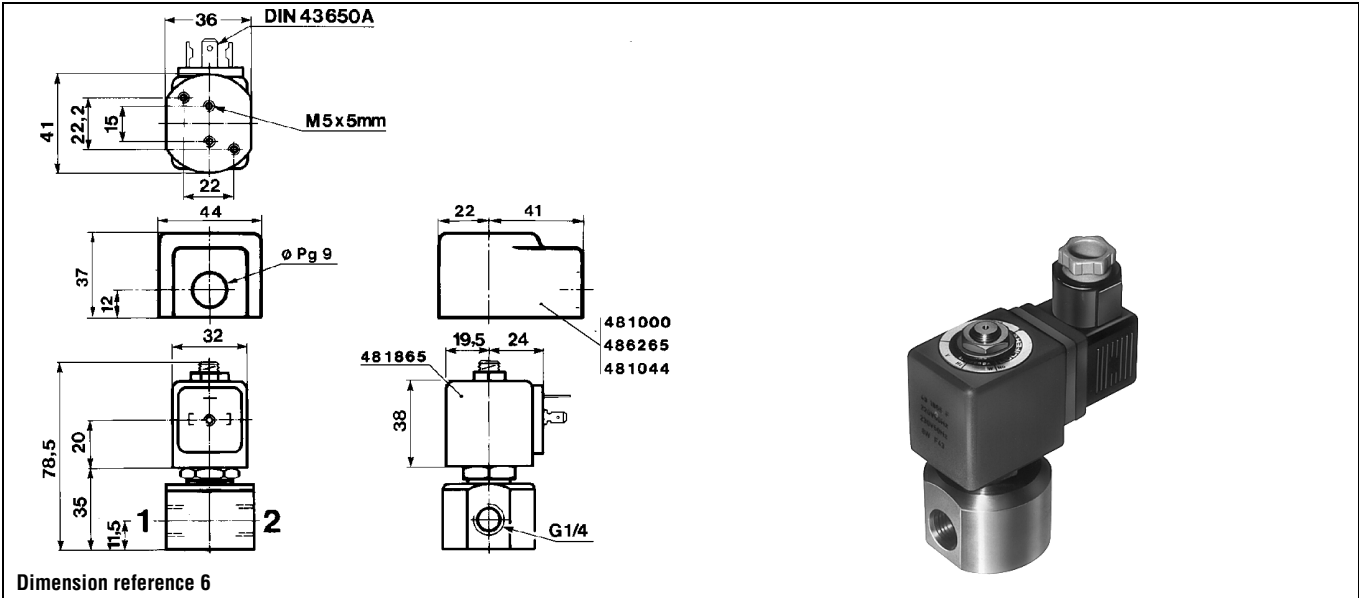
1/4	1.5	1.5	12.5	80	0	20	20	100	100	100	FKM	7121VVG2GV00	121V5406	2995	481865	9	8	410	2	6
	1.5	1.5	12.5	80	0	20	20	120	120	120	FKM			4270	481000	8	8	530	2	
	1.5	1.5	15	80	0	25	60	-	100	-	Ruby	7121VVG2GR00	121V5463	2995	481865	9	8	410	2	6
	1.5	1.5	15	80	0	30	75	-	130	-	Ruby			4270	481000	8	8	530	2	
	1.5	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

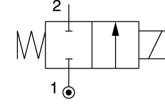
High corrosion-resistant valves (Stainless Steel) 2/2 - Direct operated



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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



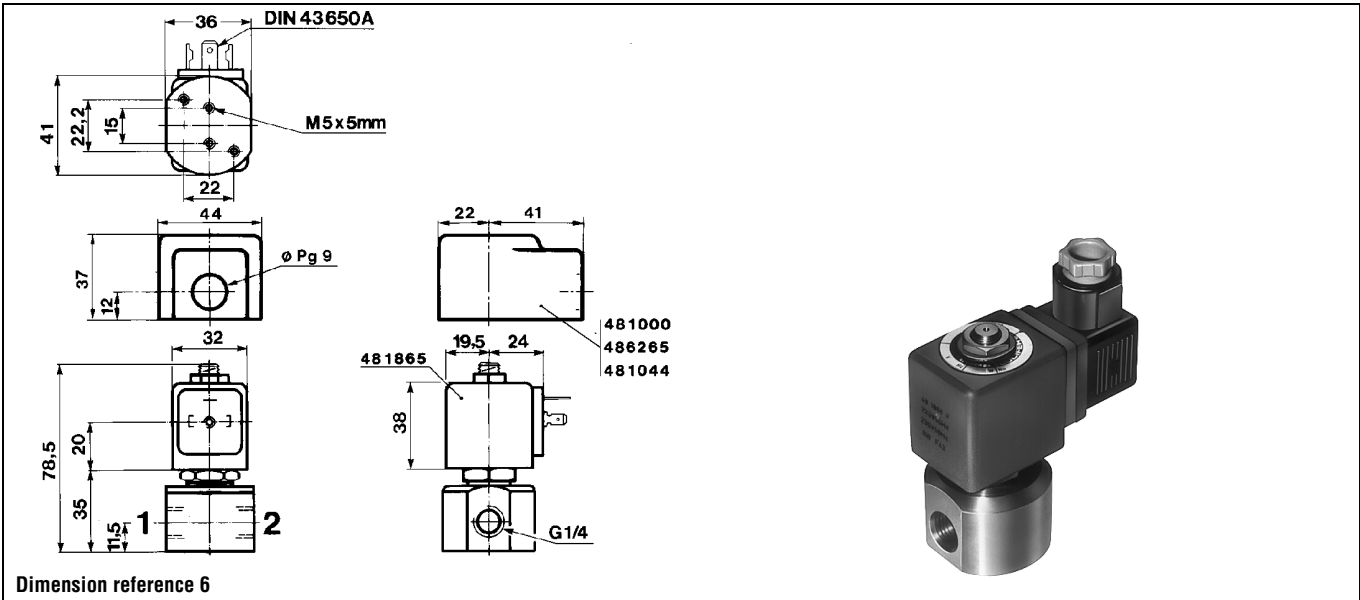
303 Stainless steel body/Pipe mounting

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

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



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

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	1.6W	-	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.