

Order chart - Viking Xtreme Valves - Xtreme operating pressure / temperature

P	2	L	A	X	5	1	1	E	S	H	D	D	B	4	9
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Valve family	
P2L	Viking inline valve

Size	
A	1/8
B	1/4
C	3/8
D	1/2

Version	
X	Xtreme duty spool











Port thread	
11	G1/8
12	G1/4
13	G3/8
14	G1/2
91	1/8 NPT
92	1/4 NPT
93	3/8 NPT
94	1/2 NPT

Solenoid pilot type	
H¹	16 bar / -40°C to 60°C

¹ Solenoid operated 'H' version supplied with B type enclosure 16 bar solenoid

Solenoid exhaust	
D	Vented
N	Capture/tapped M5

Overrides	
D	Extended non-locking

Valve type function		
Solenoid operated with internal supply to solenoid		
3		3/2 valve
5		5/2 valve
6		5/3 valve closed centre position
7		5/3 valve pressurised centre
8		5/3 valve vented centre
Solenoid operated with external pilot supply to solenoids through ports 10 & 12 for 3/2 version and through ports 12 & 14 for 5/2 & 5/3 version		
L		3/2 valve
N		5/2 valve
P		5/3 valve closed centre position
Q		5/3 valve pressurised centre
R		5/3 valve vented centre

Voltage ³		AC	DC
		60Hz	50Hz
40		12	
42		24	22
45			12
47*			12
48*			24
49			24
53	120	110	
57	240	230	
72			110
XX	valve less solenoid/coil		

³ Mobile voltage see page 51 operating parameters

Pilot main actuator / Return	
E	Solenoid operated valve
S	Spring (return only)
P	Press (return only)

Solenoid enclosure / Lead length	
A	22mm Solenoid pilot & 30mm coil Form A
B	22mm Solenoid pilot & 22mm coil Industrial Form B
N	22mm Solenoid pilot less coil

Shaded part numbers are standard





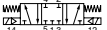

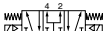
³ Shaded part numbers are available from stock
 Unshaded part numbers are available on request but will be subject to minimum order quantities
 Otherwise order coil and valve separately.

Solenoid operated directional control valves - Xtreme duty -40°C to +60°C

P2LAX/P2LBX - 16 bar, P2LCX/P2LDX - 12 bar

Complete with 22mm solenoid and 24V DC coil.

Internal supply to solenoid valve(s) via port 1. Connector/cable plugs to be ordered separately.








Symbol	Size	Actuation	Return	Min Operating Pressure (bar)	Changeover time (ms) at 6 bar @20°C actua./return	Weight Kg	Order code
3/2 valves, internal air, low temperature							
	G1/8	Electric signal	Electric signal	1,5	11/11	0,42	P2LAX311EEHDDDB49
	G1/4		Low temp.	1,5	13/13	0,42	P2LBX312EEHDDDB49
	G3/8			1,5	18/18	0,48	P2LCX313EEHDDDB49
	G1/2			1,5	18/18	0,48	P2LDX314EEHDDDB49
	G1/8	Electric signal	Spring	3,2	15/45	0,38	P2LAX311ESHDDDB49
	G1/4		Low temp.	3,5	25/65	0,38	P2LBX312ESHDDDB49
	G3/8			3,5	25/85	0,46	P2LCX313ESHDDDB49
	G1/2			3,5	25/85	0,46	P2LDX314ESHDDDB49
5/2 valves, internal air, low temperature							
	G1/8	Electric signal	Electric signal	1,5	11/11	0,27	P2LAX511EEHDDDB49
	G1/4		Low temp.	1,5	13/13	0,42	P2LBX512EEHDDDB49
	G3/8			1,5	18/18	0,48	P2LCX513EEHDDDB49
	G1/2			1,5	18/18	0,48	P2LDX514EEHDDDB49
	G1/8	Electric signal	Spring	3,2	15/45	0,22	P2LAX511ESHDDDB49
	G1/4		Low temp.	3,2	20/55	0,38	P2LBX512ESHDDDB49
	G3/8			3,2	25/85	0,46	P2LCX513ESHDDDB49
	G1/2			3,2	25/85	0,46	P2LDX514ESHDDDB49
5/3 valves, internal air, low temperature							
	G1/8	Electric signal	Electric signal	3,5	18/50	0,28	P2LAX611EEHDDDB49
	G1/4	Closed centre	Self	3,5	25/65	0,45	P2LBX612EEHDDDB49
	G3/8	position	centring	3,5	30/90	0,55	P2LCX613EEHDDDB49
	G1/2		Low temp.	3,5	30/95	0,55	P2LDX614EEHDDDB49
	G1/8	Electric signal	Electric signal	3,5	18/50	0,28	P2LAX811EEHDDDB49
	G1/4	Vented centre	Self	3,5	25/65	0,45	P2LBX812EEHDDDB49
	G3/8	position	centring	3,5	30/90	0,55	P2LCX813EEHDDDB49
	G1/2		Low temp.	3,5	30/95	0,55	P2LDX814EEHDDDB49
	G1/8	Electric signal	Electric signal	3,5	18/50	0,28	P2LAX711EEHDDDB49
	G1/4	Pressurised	Self	3,5	25/65	0,45	P2LBX712EEHDDDB49
	G3/8	centre	centring	3,5	30/90	0,55	P2LCX713EEHDDDB49
	G1/2	position	Low temp.	3,5	30/95	0,55	P2LDX714EEHDDDB49

Solenoid operated directional control valves - Xtreme duty -40°C to +60°C

P2LAX/P2LBX - 16 bar, P2LCX/P2LDX - 12 bar

Valves fitted with 22mm solenoid operator(s) less coil(s). Order coils and plug/connectors separately

Internal supply to solenoid valve(s) via port 1. Connector/cable plugs to be ordered separately.

Symbol	Size	Actuation	Return	Min Operating Pressure (bar)	Changeover time (ms) at 6 bar @20°C actua./return	Weight Kg	Order code
3/2 valves, internal air, low temperature							
	G1/8	Electric signal	Electric signal	1,5	11/11	0,31	P2LAX311EEHDDN
	G1/4			1,5	13/13	0,31	P2LBX312EEHDDN
	G3/8			1,5	18/18	0,41	P2LCX313EEHDDN
	G1/2			1,5	18/18	0,41	P2LDX314EEHDDN
	G1/8	Electric signal	Spring	3,2	15/45	0,31	P2LAX311ESHDDN
	G1/4			3,5	25/65	0,31	P2LBX312ESHDDN
	G3/8			3,5	25/85	0,40	P2LCX313ESHDDN
	G1/2			3,5	25/85	0,40	P2LDX314ESHDDN
5/2 valves, internal air, low temperature							
	G1/8	Electric signal	Electric signal	1,5	11/11	0,16	P2LAX511EEHDDN
	G1/4			1,5	13/13	0,31	P2LBX512EEHDDN
	G3/8			1,5	18/18	0,41	P2LCX513EEHDDN
	G1/2			1,5	18/18	0,41	P2LDX514EEHDDN
	G1/8	Electric signal	Spring	3,2	15/45	0,16	P2LAX511ESHDDN
	G1/4			3,2	20/55	0,31	P2LBX512ESHDDN
	G3/8			3,2	25/85	0,40	P2LCX513ESHDDN
	G1/2			3,2	25/85	0,40	P2LDX514ESHDDN
5/3 valves, internal air, low temperature							
	G1/8	Electric signal	Electric signal	3,5	18/50	0,17	P2LAX611EEHDDN
	G1/4	Closed centre	Self	3,5	25/65	0,33	P2LBX612EEHDDN
	G3/8	position	centring	3,5	30/90	0,42	P2LCX613EEHDDN
	G1/2			3,5	30/95	0,42	P2LDX614EEHDDN
	G1/8	Electric signal	Electric signal	3,5	18/50	0,17	P2LAX811EEHDDN
	G1/4	Vented centre	Self	3,5	25/65	0,33	P2LBX812EEHDDN
	G3/8	position	centring	3,5	30/90	0,42	P2LCX813EEHDDN
	G1/2			3,5	30/95	0,42	P2LDX814EEHDDN
	G1/8	Electric signal	Electric signal	3,5	18/50	0,17	P2LAX711EEHDDN
	G1/4	Pressurised	Self	3,5	25/65	0,33	P2LBX712EEHDDN
	G3/8	centre	centring	3,5	30/90	0,42	P2LCX713EEHDDN
	G1/2	position		3,5	30/95	0,42	P2LDX714EEHDDN

Solenoid operated directional control valves - Xtreme duty -40°C to + 60°C

P2LAX/P2LBX - 16 bar, P2LCX/P2LDX - 12 bar

Valves fitted with 22mm solenoid operator(s) less coil(s). Order coils and plug/connectors separately

External supply to solenoid valve(s) via ports 10 & 12 for 3/2 version and via port 12 & 14 for 5/2 and 5/3 version

Symbol	Size	Actuation	Return	Min Operating Pressure (bar)	Changeover time (ms) at 6 bar @20°C actua./return	Weight Kg	Order code
3/2 valves, external air standard temperature							
	G1/8	Electric signal	Electric signal	1,5	10/10	0,42	P2LAXL11EEHDDN
	G1/4			1,5	10/12	0,42	P2LBXL12EEHDDN
	G3/8			1,5	17/17	0,81	P2LCXL13EEHDDN
	G1/2			1,5	17/17	0,81	P2LDXL14EEHDDN
	G1/8	Electric signal	Spring	3,2	18/40	0,42	P2LAXL11ESHDDN
	G1/4			3,5	18/45	0,42	P2LBXL12ESHDDN
	G3/8			3,5	25/75	0,76	P2LCXL13ESHDDN
	G1/2			3,5	25/75	0,76	P2LDXL14ESHDDN
5/2 valves, external air to pilot operators							
	G1/8	Electric signal	Electric signal	1,5	11/11	0,27	P2LAXN11EEHDDN
	G1/4			1,5	13/13	0,42	P2LBXN12EEHDDN
	G3/8			1,5	18/18	0,81	P2LCXN13EEHDDN
	G1/2			1,5	18/18	0,81	P2LDXN14EEHDDN
	G1/8	Electric signal	Spring	3,2	15/45	0,22	P2LAXN11ESHDDN
	G1/4			3,2	20/55	0,38	P2LBXN12ESHDDN
	G3/8			3,2	25/85	0,76	P2LCXN13ESHDDN
	G1/2			3,2	25/85	0,76	P2LDXN14ESHDDN
5/3 valves, external air to pilot operators							
	G1/8	Electric signal	Electric signal	3,5	18/50	0,28	P2LAXP11EEHDDN
	G1/4	Closed centre	Self	3,5	25/65	0,44	P2LBXP12EEHDDN
	G3/8	position	centring	3,5	30/90	1,11	P2LCXP13EEHDDN
	G1/2			3,5	30/95	1,11	P2LDXP14EEHDDN
	G1/8	Electric signal	Electric signal	3,5	18/50	0,28	P2LAXR11EEHDDN
	G1/4	Vented centre	Self	3,5	25/65	0,44	P2LBXR12EEHDDN
	G3/8	position	centring	3,5	30/90	1,11	P2LCXR13EEHDDN
	G1/2			3,5	30/95	1,11	P2LDXR14EEHDDN
	G1/8	Electric signal	Electric signal	3,5	18/50	0,28	P2LAXQ11EEHDDN
	G1/4	Pressurised	Self	3,5	25/65	0,44	P2LBXQ12EEHDDN
	G3/8	centre	centring	3,5	30/90	1,11	P2LCXQ13EEHDDN
	G1/2	position		3,5	30/95	1,11	P2LDXQ14EEHDDN