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

	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
H[1]	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

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

	Overrides
D	Extended non-locking

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		

* Mobile voltage see page 51 operating parameters

[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.

	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

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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	**P2LAX311EEHDDB49**
	G1/4		Low temp.	1,5	13/13	0,42	**P2LBX312EEHDDB49**
	G3/8			1,5	18/18	0,48	**P2LCX313EEHDDB49**
	G1/2			1,5	18/18	0,48	**P2LDX314EEHDDB49**
	G1/8	Electric signal	Spring	3,2	15/45	0,38	**P2LAX311ESHDDB49**
	G1/4		Low temp.	3,5	25/65	0,38	**P2LBX312ESHDDB49**
	G3/8			3,5	25/85	0,46	**P2LCX313ESHDDB49**
	G1/2			3,5	25/85	0,46	**P2LDX314ESHDDB49**
5/2 valves, internal air, low temperature							
	G1/8	Electric signal	Electric signal	1,5	11/11	0,27	**P2LAX511EEHDDB49**
	G1/4		Low temp.	1,5	13/13	0,42	**P2LBX512EEHDDB49**
	G3/8			1,5	18/18	0,48	**P2LCX513EEHDDB49**
	G1/2			1,5	18/18	0,48	**P2LDX514EEHDDB49**
	G1/8	Electric signal	Spring	3,2	15/45	0,22	**P2LAX511ESHDDB49**
	G1/4		Low temp.	3,2	20/55	0,38	**P2LBX512ESHDDB49**
	G3/8			3,2	25/85	0,46	**P2LCX513ESHDDB49**
	G1/2			3,2	25/85	0,46	**P2LDX514ESHDDB49**
5/3 valves, internal air, low temperature							
	G1/8	Electric signal	Electric signal	3,5	18/50	0,28	**P2LAX611EEHDDB49**
	G1/4	Closed centre	Self	3,5	25/65	0,45	**P2LBX612EEHDDB49**
	G3/8	position	centring	3,5	30/90	0,55	**P2LCX613EEHDDB49**
	G1/2		Low temp.	3,5	30/95	0,55	**P2LDX614EEHDDB49**
	G1/8	Electric signal	Electric signal	3,5	18/50	0,28	**P2LAX811EEHDDB49**
	G1/4	Vented centre	Self	3,5	25/65	0,45	**P2LBX812EEHDDB49**
	G3/8	position	centring	3,5	30/90	0,55	**P2LCX813EEHDDB49**
	G1/2		Low temp.	3,5	30/95	0,55	**P2LDX814EEHDDB49**
	G1/8	Electric signal	Electric signal	3,5	18/50	0,28	**P2LAX711EEHDDB49**
	G1/4	Pressurised	Self	3,5	25/65	0,45	**P2LBX712EEHDDB49**
	G3/8	centre	centring	3,5	30/90	0,55	**P2LCX713EEHDDB49**
	G1/2	position	Low temp.	3,5	30/95	0,55	**P2LDX714EEHDDB49**

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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**

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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**

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