

Order chart - Viking Xtreme Normal Operating Pressure / Temperature

P	2	L	A	X	5	1	1	E	S	N	D	D	B	4	9
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Valve family	P2L Viking inline valve
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Size	A 1/8	B 1/4	C 3/8	D 1/2
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Version	X Xtreme duty spool
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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	1N* Namur G1/4	9N* Namur 1/4 NPT
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* Namur version not available in 3/2 function

Solenoid pilot type	N 10 bar / -10°C to 50°C	L** 10 bar / -10°C to 50°C
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Solenoid exhaust	D Vented	N Captured/tapped M5	X 15mm solenoid vented
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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	A* None	B* Flush - non locking	C Flush - locking	D¹ Extended non-locking	E* Extended - locking	X Less 15mm solenoid
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* Only available with enclosure 5
¹ 22mm solenoid option

	Voltage ²		
		AC	DC
		60Hz	50Hz
40	12		
42	24	22	
45			12
47*			12
48*			24
49			24
53	120	110	
57	240	230	
XX	valve less solenoid/coil		

* If 22mm solenoid required on mobile applications use model code no page 16. Alternatively check operating temperature and pressures with our technical department.

Pilot main actuator / Return	E Solenoid operated valve	S Spring (return only)	P Press (return only)
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Solenoid enclosure / Lead length	5 15mm, 3 pin Form C/ISO15217 in line with body	B 22mm 3-pin Industrial Form B with coil	N 22mm solenoid pilot less coil	X Valve less 15mm solenoid	L** Low power 22mm solenoid (only available with 24V DC)
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Shaded part numbers are standard

² 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/solenoid and valve separately.

Solenoid operated directional control valves fitted with 15mm solenoid(s) 24V DC

Solenoid plug/connector to ordered separately.

Internal supply to solenoid valve(s) via port 1. Max operating pressure 10 bar, temp range -10°C to +50°C

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, standard temperature							
	G1/8	Electric signal	Electric signal	1,5	10/10	0,42	P2LAX311EENXB549
	G1/4			1,5	10/12	0,42	P2LBX312EENXB549
	G3/8			1,5	17/17	0,53	P2LCX313EENXB549
	G1/2			1,5	17/17	0,53	P2LDX314EENXB549
	G1/8	Electric signal	Spring	3,2	18/40	0,38	P2LAX311ESNXB549
	G1/4			3,5	18/45	0,38	P2LBX312ESNXB549
	G3/8			3,5	25/75	0,50	P2LCX313ESNXB549
	G1/2			3,5	25/75	0,50	P2LDX314ESNXB549
5/2 valves, internal air, standard temperature							
	G1/8	Electric signal	Electric signal	1,5	10/10	0,27	P2LAX511EENXB549
	G1/4			1,5	12/12	0,42	P2LBX512EENXB549
	G3/8			1,5	17/17	0,53	P2LCX513EENXB549
	G1/2			1,5	17/17	0,53	P2LDX514EENXB549
	G1/8	Electric signal	Spring	3,2	15/35	0,22	P2LAX511ESNXB549
	G1/4			3,5	18/45	0,38	P2LBX512ESNXB549
	G3/8			3,5	25/75	0,50	P2LCX513ESNXB549
	G1/2			3,5	25/75	0,50	P2LDX514ESNXB549
5/3 valves, internal air, standard temperature							
	G1/8	Electric signal	Electric signal	3,5	18/40	0,28	P2LAX611EENXB549
	G1/4	Closed centre	Self	3,5	22/55	0,44	P2LBX612EENXB549
	G3/8	position	centring	3,5	30/90	0,55	P2LCX613EENXB549
	G1/2			3,5	30/95	0,55	P2LDX614EENXB549
	G1/8	Electric signal	Electric signal	3,5	18/40	0,28	P2LAX811EENXB549
	G1/4	Vented centre	Self	3,5	22/55	0,44	P2LBX812EENXB549
	G3/8	position	centring	3,5	30/90	0,55	P2LCX813EENXB549
	G1/2			3,5	30/95	0,55	P2LDX814EENXB549
	G1/8	Electric signal	Electric signal	3,5	18/40	0,28	P2LAX711EENXB549
	G1/4	Pressurised	Self	3,5	22/55	0,44	P2LBX712EENXB549
	G3/8	centre	centring	3,5	30/90	0,55	P2LCX713EENXB549
	G1/2	position		3,5	30/95	0,55	P2LDX714EENXB549

Solenoid operated directional control valves fitted with adapter to accept 15mm solenoid(s)

Solenoid operator(s) and connector/plug(s) should be ordered separately.

Internal supply to solenoid valve(s) via port 1. Max operating pressure 10 bar, temp range -10°C to +50°C

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, standard temperature							
	G1/8	Electric signal	Electric signal	1,5	10/10	0,38	P2LAX311EENXXX
	G1/4			1,5	10/12	0,38	P2LBX312EENXXX
	G3/8			1,5	17/17	0,45	P2LCX313EENXXX
	G1/2			1,5	17/17	0,45	P2LDX314EENXXX
	G1/8	Electric signal	Spring	3,2	18/40	0,38	P2LAX311ESNXXX
	G1/4			3,5	18/45	0,38	P2LBX312ESNXXX
	G3/8			3,5	25/75	0,42	P2LCX313ESNXXX
	G1/2			3,5	25/75	0,42	P2LDX314ESNXXX
5/2 valves, internal air, standard temperature							
	G1/8	Electric signal	Electric signal	1,5	10/10	0,27	P2LAX511EENXXX
	G1/4			1,5	12/12	0,42	P2LBX512EENXXX
	G3/8			1,5	17/17	0,45	P2LCX513EENXXX
	G1/2			1,5	17/17	0,45	P2LDX514EENXXX
	G1/8	Electric signal	Spring	3,2	15/35	0,22	P2LAX511ESNXXX
	G1/4			3,5	18/45	0,38	P2LBX512ESNXXX
	G3/8			3,5	25/75	0,42	P2LCX513ESNXXX
	G1/2			3,5	25/75	0,42	P2LDX514ESNXXX
5/3 valves, internal air, standard temperature							
	G1/8	Electric signal	Electric signal	3,5	18/40	0,28	P2LAX611EENXXX
	G1/4	Closed centre	Self	3,5	22/55	0,44	P2LBX612EENXXX
	G3/8	position	centring	3,5	30/90	0,55	P2LCX613EENXXX
	G1/2			3,5	30/95	0,55	P2LDX614EENXXX
	G1/8	Electric signal	Electric signal	3,5	18/40	0,28	P2LAX811EENXXX
	G1/4	Vented centre	Self	3,5	22/55	0,44	P2LBX812EENXXX
	G3/8	position	centring	3,5	30/90	0,55	P2LCX813EENXXX
	G1/2			3,5	30/95	0,55	P2LDX814EENXXX
	G1/8	Electric signal	Electric signal	3,5	18/40	0,28	P2LAX711EENXXX
	G1/4	Pressurised	Self	3,5	22/55	0,44	P2LBX712EENXXX
	G3/8	centre	centring	3,5	30/90	0,55	P2LCX713EENXXX
	G1/2	position		3,5	30/95	0,55	P2LDX714EENXXX

Solenoid operated directional control valves fitted with adapter to accept 15mm solenoid(s)

Solenoid operator(s) and connector/plug(s) should be ordered 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.

Max operating pressure 10 bar, temp range -10°C to +50°C

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	0,34	P2LAXL11EENXXX
	G1/4			1,5	10/12	0,34	P2LBXL12EENXXX
	G3/8			1,5	17/17	0,45	P2LCXL13EENXXX
	G1/2			1,5	17/17	0,45	P2LDXL14EENXXX
	G1/8	Electric signal	Spring	3,2	18/40	0,34	P2LAXL11ESNXXX
	G1/4			3,5	18/45	0,34	P2LBXL12ESNXXX
	G3/8			3,5	25/75	0,42	P2LCXL13ESNXXX
	G1/2			3,5	25/75	0,42	P2LDXL14ESNXXX
5/2 valves, external air, standard temperature							
	G1/8	Electric signal	Electric signal	1,5	10/10	0,19	P2LAXN11EENXXX
	G1/4			1,5	12/12	0,34	P2LBXN12EENXXX
	G3/8			1,5	17/17	0,45	P2LCXN13EENXXX
	G1/2			1,5	17/17	0,45	P2LDXN14EENXXX
	G1/8	Electric signal	Spring	3,2	15/35	0,18	P2LAXN11ESNXXX
	G1/4			3,5	18/45	0,34	P2LBXN12ESNXXX
	G3/8			3,5	25/75	0,42	P2LCXN13ESNXXX
	G1/2			3,5	25/75	0,42	P2LDXN14ESNXXX
5/3 valves, external air, standard temperature							
	G1/8	Electric signal	Electric signal	3,5	18/40	0,20	P2LAXP11EENXXX
	G1/4	Closed centre	Self	3,5	22/55	0,36	P2LBXP12EENXXX
	G3/8	position	centring	3,5	30/90	0,55	P2LCXP13EENXXX
	G1/2			3,5	30/95	0,55	P2LDXP14EENXXX
	G1/8	Electric signal	Electric signal	3,5	18/40	0,20	P2LAXR11EENXXX
	G1/4	Vented centre	Self	3,5	22/55	0,36	P2LBXR12EENXXX
	G3/8	position	centring	3,5	30/90	0,55	P2LCXR13EENXXX
	G1/2			3,5	30/95	0,55	P2LDXR14EENXXX
	G1/8	Electric signal	Electric signal	3,5	18/40	0,20	P2LAXQ11EENXXX
	G1/4	Pressurised	Self	3,5	22/55	0,36	P2LBXQ12EENXXX
	G3/8	centre	centring	3,5	30/90	0,55	P2LCXQ13EENXXX
	G1/2	position		3,5	30/95	0,55	P2LDXQ14EENXXX