

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		

* 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 22mm solenoid(s) 24V DC

Solenoid plug/connector to be ordered separately.

Internal supply to solenoid valve(s) via port 1. Max operating pressure 10 bar, Temperature 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	P2LAX311EENDDDB49
	G1/4			1,5	10/12	0,42	P2LBX312EENDDDB49
	G3/8			1,5	17/17	0,81	P2LCX313EENDDDB49
	G1/2			1,5	17/17	0,81	P2LDX314EENDDDB49
	G1/8	Electric signal	Spring	3,2	18/40	0,38	P2LAX311ESNDDDB49
	G1/4			3,5	18/45	0,38	P2LBX312ESNDDDB49
	G3/8			3,5	25/75	0,76	P2LCX313ESNDDDB49
	G1/2			3,5	25/75	0,76	P2LDX314ESNDDDB49
5/2 valves, internal air, standard temperature							
	G1/8	Electric signal	Electric signal	1,5	10/10	0,27	P2LAX511EENDDDB49
	G1/4			1,5	12/12	0,42	P2LBX512EENDDDB49
	G3/8			1,5	17/17	0,81	P2LCX513EENDDDB49
	G1/2			1,5	17/17	0,81	P2LDX514EENDDDB49
	G1/8	Electric signal	Spring	3,2	15/35	0,22	P2LAX511ESNDDDB49
	G1/4			3,5	18/45	0,38	P2LBX512ESNDDDB49
	G3/8			3,5	27/75	0,76	P2LCX513ESNDDDB49
	G1/2			3,5	25/75	0,76	P2LDX514ESNDDDB49
5/3 valves, internal air, standard temperature							
	G1/8	Electric signal	Electric signal	3,5	18/40	0,28	P2LAX611EENDDDB49
	G1/4	Closed centre position	Self centring	3,5	22/55	0,44	P2LBX612EENDDDB49
	G3/8			3,5	30/90	1,11	P2LCX613EENDDDB49
	G1/2			3,5	30/90	1,11	P2LDX614EENDDDB49
	G1/8	Electric signal	Electric signal	3,5	18/40	0,28	P2LAX811EENDDDB49
	G1/4	Vented centre position	Self centring	3,5	22/45	0,44	P2LBX812EENDDDB49
	G3/8			3,5	30/90	1,11	P2LCX813EENDDDB49
	G1/2			3,5	30/90	1,11	P2LDX814EENDDDB49
	G1/8	Electric signal	Electric signal	3,5	18/40	0,28	P2LAX711EENDDDB49
	G1/4	Pressurised centre position	Self centring	3,5	22/45	0,44	P2LBX712EENDDDB49
	G3/8			3,5	30/90	1,11	P2LCX713EENDDDB49
	G1/2			3,5	30/90	1,11	P2LDX714EENDDDB49

Solenoid operated directional control valves (supplied with 22mm solenoid operator less coil)

Solenoid plug/connector to be ordered separately.

Internal supply to solenoid valve(s) via port 1.

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	0,31	P2LAX311EENDDN
	G1/4			1,5	10/12	0,31	P2LBX312EENDDN
	G3/8			1,5	17/17	0,41	P2LCX313EENDDN
	G1/2			1,5	17/17	0,41	P2LDX314EENDDN
	G1/8	Electric signal	Spring	3,2	18/40	0,31	P2LAX311ESNDDN
	G1/4			3,5	18/45	0,31	P2LBX312ESNDDN
	G3/8			3,5	25/75	0,40	P2LCX313ESNDDN
	G1/2			3,5	25/75	0,40	P2LDX314ESNDDN
5/2 valves, internal air, standard temperature							
	G1/8	Electric signal	Electric signal	1,5	9/9	0,16	P2LAX511EENDDN
	G1/4			1,5	10/10	0,31	P2LBX512EENDDN
	G3/8			1,5	13/13	0,41	P2LCX513EENDDN
	G1/2			1,5	13/13	0,41	P2LDX514EENDDN
	G1/8	Electric signal	Spring	3,2	12/38	0,16	P2LAX511ESNDDN
	G1/4			3,5	14/42	0,31	P2LBX512ESNDDN
	G3/8			3,5	16/60	0,40	P2LCX513ESNDDN
	G1/2			3,5	16/60	0,40	P2LDX514ESNDDN
5/3 valves, internal air, standard temperature							
	G1/8	Electric signal	Electric signal	3,5	15/40	0,17	P2LAX611EENDDN
	G1/4	Closed centre position	Self centring	3,5	18/50	0,33	P2LBX612EENDDN
	G3/8			3,5	20/65	1,00	P2LCX613EENDDN
	G1/2			3,5	20/70	1,00	P2LDX614EENDDN
	G1/8	Electric signal	Electric signal	3,5	15/40	0,17	P2LAX811EENDDN
	G1/4	Vented centre position	Self centring	3,5	18/50	0,33	P2LBX812EENDDN
	G3/8			3,5	20/65	1,00	P2LCX813EENDDN
	G1/2			3,5	20/70	1,00	P2LDX814EENDDN
	G1/8	Electric signal	Electric signal	3,5	15/40	0,17	P2LAX711EENDDN
	G1/4	Pressurised centre position	Self centring	3,5	18/50	0,33	P2LBX712EENDDN
	G3/8			3,5	20/65	1,00	P2LCX713EENDDN
	G1/2			3,5	20/70	1,00	P2LDX714EENDDN

Solenoid operated directional control valves (supplied with 22mm solenoid less coil)

Solenoid plug/connector to 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

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

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	0,31	P2LAXL11EENDDN
	G1/4			1,5	10/12	0,31	P2LBXL12EENDDN
	G3/8			1,5	17/17	0,70	P2LCXL13EENDDN
	G1/2			1,5	17/17	0,70	P2LDXL14EENDDN
	G1/8	Electric signal	Spring	3,2	18/40	0,30	P2LAXL11ESNDDN
	G1/4			3,5	18/45	0,30	P2LBXL12ESNDDN
	G3/8			3,5	25/75	0,70	P2LCXL13ESNDDN
	G1/2			3,5	25/75	0,70	P2LDXL14ESNDDN
5/2 valves, external air, standard temperature							
	G1/8	Electric signal	Electric signal	1,5	9/9	0,16	P2LAXN11EENDDN
	G1/4			1,5	10/10	0,31	P2LBXN12EENDDN
	G3/8			1,5	13/13	0,70	P2LCXN13EENDDN
	G1/2			1,5	13/13	0,70	P2LDXN14EENDDN
	G1/8	Electric signal	Spring	3,2	12/38	0,16	P2LAXN11ESNDDN
	G1/4			3,5	14/42	0,30	P2LBXN12ESNDDN
	G3/8			3,5	16/60	0,70	P2LCXN13ESNDDN
	G1/2			3,5	16/60	0,70	P2LDXN14ESNDDN
5/3 valves, external air, standard temperature							
	G1/8	Electric signal	Electric signal	3,5	15/40	0,17	P2LAXP11EENDDN
	G1/4	Closed centre	Self	3,5	18/50	0,33	P2LBXP12EENDDN
	G3/8	position	centring	3,5	20/65	1,00	P2LCXP13EENDDN
	G1/2			3,5	20/70	1,00	P2LDXP14EENDDN
	G1/8	Electric signal	Electric signal	3,5	15/40	0,17	P2LAXR11EENDDN
	G1/4	Vented centre	Self	3,5	18/50	0,33	P2LBXR12EENDDN
	G3/8	position	centring	3,5	20/65	1,00	P2LCXR13EENDDN
	G1/2			3,5	20/70	1,00	P2LDXR14EENDDN
	G1/8	Electric signal	Electric signal	3,5	15/40	0,17	P2LAXQ11EENDDN
	G1/4	Pressurised	Self	3,5	18/50	0,33	P2LBXQ12EENDDN
	G3/8	centre	centring	3,5	20/65	1,00	P2LCXQ13EENDDN
	G1/2	position		3,5	20/70	1,00	P2LDXQ14EENDDN