

Order chart - Viking Xtreme air pilot & manual valves - Xtreme operating pressure / temperature

P	2	L
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A

X

5

1	1
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



P	S
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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

* Xtreme duty spool suitable for max operating pressure 16 bar. (P2LAX + P2LBX) 12 bar (P2LCX + P2LDX) Temperature range -40°C to +60°C

Valve type function		
Manual and pneumatic operated		
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

Shaded part numbers are standard

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

* Not available in 3/2 version






Pilot main actuator/return	
J ***	Rotary button - 2 positions
P	Air signal
S	Spring (return only)
V	Lever, 2 positions, 90° to ports
Z ***	Lever, 2 positions, in line with ports
1 **	Lever, 3 positions self centred, 90° to ports
2 **	Lever, held 3 positions, 90° to ports
5 ***	Lever, 3 positions, self centered in line with port
6 ***	Lever, 3 positions, held in position in line with port
7 ***	Rotary button - 3 positions held in position

** Not available in 3/2 version
*** Only Available with port threads G1/4 and 1/4 NPT



Pneumatic twist operated valves - Xtreme operating pressure / temperature

Max operating pressure 16 bar. Temp range -40°C to +60°C

Symbol	Size	Actuation	Return	Changeover Angle	Weight Kg	Order code
3/2 valves, temperature -40°C to +60°C						
	G1/4	Twist	Twist	45	0.34	P2LBX312JJ
5/2 valves, temperature -40°C to +60°C						
	G1/4	Twist	Twist	45	0.37	P2LBX512JJ
5/3 valves, temperature -40°C to +60°C						
	G1/4	Twist	Twist	54	0.41	P2LBX71277
	G1/4	Twist	Twist	54	0.41	P2LBX61277
	G1/4	Twist	Twist	54	0.41	P2LBX81277

Lever operated directional control valves, lever 90° to ports

Max operating pressure 16 bar (A & B) 12 bar (C & D). temp range -40°C to +60°C

Symbol	Size	Actuation	Return	Changeover angle	Changeover Force	Type	Weight Kg	Order code
3/2 valves, standard temperature / Low temperature, lever 90° to ports								
	G1/8	Lever	Lever	20°	9 N	Std.	0,33	P2LAX311VV
	G1/4	Lever	Lever	20°	9 N	Std.	0,33	P2LBX312VV
	G3/8	Lever	Lever	32°	25 N	Std.	0,40	P2LCX313VV
	G1/2	Lever	Lever	32°	25 N	Std.	0,60	P2LDX314VV
	G1/8	Lever	Spring	20°	10N	Std.	0,33	P2LAX311VS
	G1/4	Lever	Spring	20°	10N	Std.	0,33	P2LBX312VS
	G3/8	Lever	Spring	32°	15 N	Std.	0,40	P2LCX313VS
	G1/2	Lever	Spring	32°	15 N	Std.	0,60	P2LDX314VS
5/2 valves, standard temperature / Low temperature, lever 90° to ports								
	G1/8	Lever	Lever	28°	9 N	Std.	0,18	P2LAX511VV
	G1/4	Lever	Lever	20°	9 N	Std.	0,33	P2LBX512VV
	G3/8	Lever	Lever	32°	25 N	Std.	0,40	P2LCX513VV
	G1/2	Lever	Lever	32°	25 N	Std.	0,60	P2LDX514VV
	G1/8	Lever	Spring	28°	10N	Std.	0,18	P2LAX511VS
	G1/4	Lever	Spring	20°	10N	Std.	0,33	P2LBX512VS
	G3/8	Lever	Spring	32°	15 N	Std.	0,40	P2LCX513VS
	G1/2	Lever	Spring	32°	15 N	Std.	0,60	P2LDX514VS
5/3 valves, low temperature, lever 90° to ports								
	G1/8	Lever	Lever	±14°	15 N	Std.	0,18	P2LAX61122
	G1/4	Closed centre position held in three positions		±12°	15 N	Std.	0,33	P2LBX61222
	G3/8			±16°	17 N	Std.	0,71	P2LCX61322
	G1/2			±16°	17 N	Std.	0,73	P2LDX61422
	G1/8	Lever	Lever	±14°	15 N	Std.	0,18	P2LAX81122
	G1/4	Exhausted centre position held in three positions		±12°	15 N	Std.	0,33	P2LBX81222
	G3/8			±16°	17 N	Std.	0,71	P2LCX81322
	G1/2			±16°	17 N	Std.	0,73	P2LDX81422
	G1/8	Lever	Lever	±14°	15 N	Std.	0,18	P2LAX71122
	G1/4	Pressure applied centre position held in three positions		±12°	15 N	Std.	0,33	P2LBX71222
	G3/8			±16°	17 N	Std.	0,71	P2LCX71322
	G1/2			±16°	17 N	Std.	0,73	P2LDX71422
	G1/8	Lever	Lever	±14°	16 N	Std.	0,18	P2LAX61111
	G1/4	Closed centre position Self centring		±12°	16 N	Std.	0,33	P2LBX61211
	G3/8			±16°	30 N	Std.	0,71	P2LCX61311
	G1/2			±16°	30 N	Std.	0,73	P2LDX61411
	G1/8	Lever	Lever	±14°	16 N	Std.	0,18	P2LAX81111
	G1/4	Exhausted centre position Self centring		±12°	16 N	Std.	0,33	P2LBX81211
	G3/8			±16°	30 N	Std.	0,71	P2LCX81311
	G1/2			±16°	30 N	Std.	0,73	P2LDX81411
	G1/8	Lever	Lever	±14°	16 N	Std.	0,18	P2LAX71111
	G1/4	Pressure applied centre position Self centring		±12°	16 N	Std.	0,33	P2LBX71211
	G3/8			±16°	30 N	Std.	0,71	P2LCX71311
	G1/2			±16°	30 N	Std.	0,73	P2LDX71411



Lever operated directional control valves, lever in line with ports

Max operating pressure 16 bar. Temp range -40°C to +60°C

Symbol	Size	Actuation	Return	Changeover angle	Changeover Force	Type	Weight Kg	Order code
3/2 valves, temperature -40°C to +60°C, Lever In Line with ports								
	G1/4	Lever	Lever	26°	18 N	Std.	0,42	P2LBX312ZZ
	G1/4	Lever	Spring	26°	18 N	Std.	0,42	P2LBX312ZS
5/2 valves, temperature -40°C to +60°C, Lever In Line with ports								
	G1/4	Lever	Lever	26°	18 N	Std.	0,45	P2LBX512ZZ
	G1/4	Lever	Spring	26°	18 N	Std.	0,45	P2LBX512ZS
5/3 valves, temperature -40°C to +60°C, Lever In Line with ports								
	G1/4	Lever	Lever	15° / 15°	24 N	Std.	0,51	P2LBX61255
	G1/4	Lever	Lever	15° / 15°	24 N	Std.	0,51	P2LBX71255
	G1/4	Lever	Lever	15° / 15°	24 N	Std.	0,51	P2LBX81255
	G1/4	Lever	Lever	15° / 15°	18 N	Std.	0,48	P2LBX61266
	G1/4	Lever	Lever	15° / 15°	18 N	Std.	0,48	P2LBX71266
	G1/4	Lever	Lever	15° / 15°	18 N	Std.	0,48	P2LBX81266