

The Viking Xtreme Manual valve range is robust, versatile and combines high performance with compact installation dimensions. The valves rugged lever actuator has been specifically designed for gloved hands to suit mobile applications in the most arduous of environments. Available in 3/2, 5/2 and 5/3 functions with either spring return or detented lever. The lever actuated versions are available across the entire range from 1/8 to 1/2 port sizes.

- **Heavy duty lever**
- **Inline valve**
  - 1/8", 1/4", 3/8", 1/2" NPT & BSPP
- **2-position models**
  - 4-way & 3-way
- **3-position models**
  - all ports blocked
  - pressure center
  - center exhaust
- **Over-moulded single piece aluminium spool**
  - Reduced product complexity
  - Increased flow
  - Wide operating temperature range
  - Stable seal performance even with high flow / pressure drop across spool.



**Operating information**

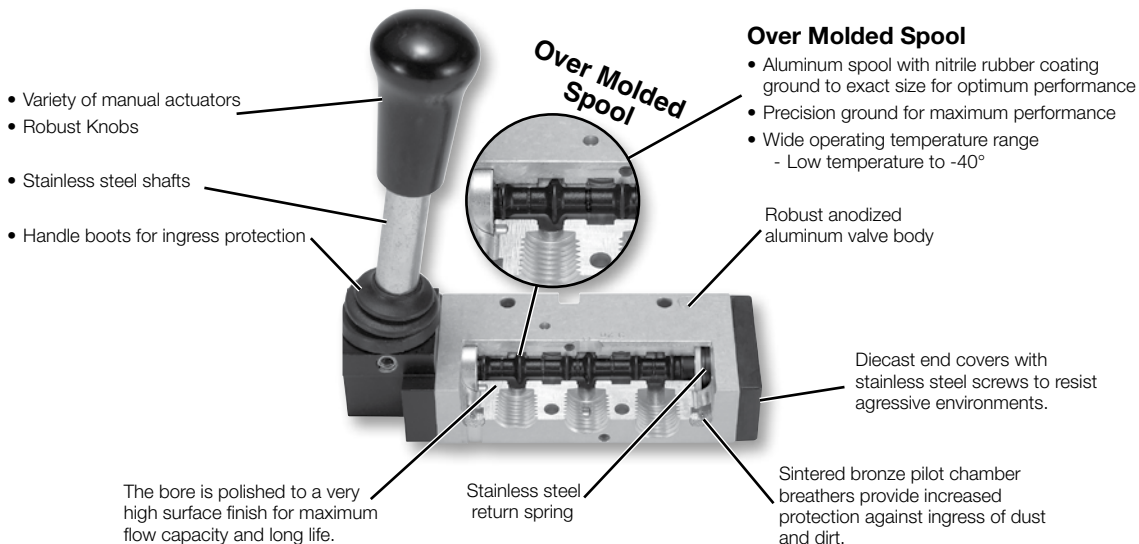
Operating pressure: Type A & B: Vacuum to 232 PSIG (Vacuum to 16 bar Max.)  
 Type C & D: Vacuum to 174 PSIG (Vacuum to 12 bar Max.)  
 Temperature range: Xtreme: -40°F to 140°F (-40°C to 60°C)

**Material specifications**

End covers	Anodized aluminum
Lever	Reinforced polyamide plastic
Lever housing	Acetal plastic
Piston	Acetal plastic / anodized aluminum
Seals	Nitrile rubber
Screws	Stainless steel
Spool	Aluminum & nitrile rubber
Springs	Stainless steel
Valve body	Anodized aluminum

Lever Handle – 1/8" valve size, 5/2 & 5/3 only	Twist Handle – 1/4" valve sizes	Lever Handle – All other valve sizes

**Features**



Brass Poppet /  
Sliding Seal

LV-EZ Series  
Lockout Valves

M0  
Series


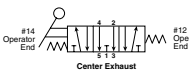

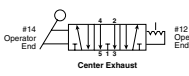

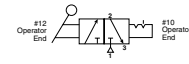

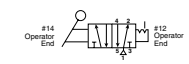
42 Lever /  
Pedal Series

Viking Xtreme  
Lever Series

Directair 2,  
Directair 4

**D**

Manual / Mechanical  
Valve Products

5/3 - 3-position, center exhaust		Symbol	Valve type	Port size	Cv	Weight lb (kg)	Part number NPT	Part number BSPP
Brass Poppet / Sliding Seal			Lever spring center	1/8	0.6	0.40 (0.18)	<b>P2LAX89111</b>	<b>P2LAX81111</b>
			1/4	1.5	0.73 (0.33)	<b>P2LBX89211</b>	<b>P2LBX81211</b>	
			3/8	2.5	1.56 (0.71)	<b>P2LCX89311</b>	<b>P2LCX81311</b>	
			1/2	2.7	1.61 (0.73)	<b>P2LDX89411</b>	<b>P2LDX81411</b>	
LV-EZ Series Lockout Valves			Lever detent	1/8	0.7	0.40 (0.18)	<b>P2LAX89122</b>	<b>P2LAX81122</b>
			1/4	1.3	0.73 (0.33)	<b>P2LBX89222</b>	<b>P2LBX81222</b>	
			3/8	2.5	1.56 (0.71)	<b>P2LCX89322</b>	<b>P2LCX81322</b>	
			1/2	2.7	1.61 (0.73)	<b>P2LDX89422</b>	<b>P2LDX81422</b>	
3/2 - 2-position		Symbol	Valve type	Port size	Cv	Part number NPT	Part number BSPP	
M0 Series			Twist handle detent	1/4	1.3	0.73 (0.33)	<b>P2LBX392JJ</b>	<b>P2LBX312JJ</b>
5/2 - 2-position		Symbol	Valve type	Port size	Cv	Part number NPT	Part number BSPP	
42 Lever / Pedal Series			Twist handle detent	1/8	0.7	0.73 (0.33)	<b>P2LBX592JJ</b>	<b>P2LBX512JJ</b>

**Manual Operated Valves**

Vacuum to 232 PSIG (Vacuum to 16 bar) -40°F to 158°F (-40°C to 70°C)

**P2L A X 5 91 VS**

Valve size	
1/8"	A
1/4"	B
3/8"	C
1/2"	D

Valve type / function	
3/2 NC - 2-position	3
5/2 2-position	5
5/3 3-position, APB	6
5/3 3-position, PC	7
5/3 3-position, CE	8


Actuator / return	
JJ*	Twist handle detent, 2-position
VS	Spring return lever, 2-position, 90° to ports
VV	Lever, detent, 2-position, 90° to ports
11	Spring centered lever, 3-position, 90° to ports
22	Lever, detent, 3-position, 90° to ports

\* Not available with 3-position valves, size B only.

Main port thread	
11	G1/8 (P2LA)
12	G1/4 (P2LB)
13	G3/8 (P2LC)
14	G1/2 (P2LD)
<b>91</b>	<b>1/8" NPT (P2LA)</b>
<b>92</b>	<b>1/4" NPT (P2LB)</b>
<b>93</b>	<b>3/8" NPT (P2LC)</b>
<b>94</b>	<b>1/2" NPT (P2LD)</b>

**NOTE:** For ATEX certified remote air pilot valves, build the valve part number from the model number index for remote pilot and add "-EX" following the number.

Example: P2LAX591PS-EX

 Most popular.

