Cartridge Valves



Technical Features:

- Hardened precision parts
- High flow capacity
- · High transmitted hydraulic power
- · Wide range of manual overrides available
- · All ports may be fully pressurised
 - Variety of optional spools available

Spool Type Cartridge Valves, Lightline

Function:

Tech Shee 68191

- · Three-way, two-position, high pressure directional spool valve
- Screw-in cartridge design
- · Used mainly to direct flow to actuators



Function

Normally Open

Normally Closed

Function

Normally Open

Normally Closed

I. Hydraulics

3/2 Directional Valves, Solenoid Operated, Direct Acting, 7/8-14 UNF

Hydraulics	0510	(t.) LPM	bar	Function	£
Hydraulic	SD2E-B3/L2D21	50	250	2-1 Common in Mid Position	57.90
Quick Release Couplings	SD2E-B3/L2D25	50	250	2-1 Blank in Mid Position	57.90
	SD2E-B3/L2D26	50	250	3-2 Alternative Flow Path in Mid Position	57.90
Pneumatic Quick Release Couplings					

bar

250

250

Function.

- · Two-way, two-position, high pressure bidirectional spool valve Screw-in cartridge design
- · Used mainly to direct flow to actuators
- KELM™ Pneumatics

Air Prep., Media, Monitor

& Test

Pneumatic & Vacuum Equipment

Tech Sheet Valves 68188 Ring Main 2/2 Directional Valves, Solenoid Operated,

Adaptors & Fittings
Stainless Steel
Malleable Iron
Hose, Tubing & Couplings

Blow Guns,

Compressor Equipment

Tools Hardware & PPE

Systems

Clamps & Clips Sprays & Adhesives





Two-way, two-position, high pressure directional spool valve

· Screw-in cartridge design

Direct Acting, 3/4-16 UNF

· Used mainly to direct flow to actuators

20

20

0510

SD2E-A2/L2I11

SD2E-A2/L2I12

Function:

SD2E-B2/L2I12

Vacuum & Nozzles Pressure Wash, Fuelling & Lubrication Air Tools &

0510 LPM SD2E-B2/L2I11 50



- Coil interchangeability among SD*-B* product line
 - Standard version zinc-coated with surface protection according to ISO 9227 (240 h salt spray)

Function:

- · Three-way, two-position, high pressure bidirectional spool valve
- Screw-in cartridge design

Tech Sheet 68190

· Used mainly to direct flow to actuators



3/2 Directional Valves, Solenoid Operated, Direct Acting, 3/4-16 UNF

£ 0510 bar Functior LPM SD2E-A3/L2D21 20 250 2-1 Common in Mid Position 47.95 SD2E-A3/L2D25 20 250 2-1 Blank in Mid Position 47.95 SD2E-A3/L2D26 20 250 3-2 Alternative Flow Path in Mid Position 47.95

Function:

Tech Sheet

68192

- Four-way, two-position, high pressure bidirectional spool valve
- · Screw-in cartridge design
- · Used mainly to direct flow to actuators



4/2 Directional Valves, Solenoid Operated, Direct Acting, 3/4-16 UNF

0510	(t_) LPM	bar	Function	£
SD2E-A4/L2Z11	20	250	All Ports Closed in Neutral P to A,	
			B to T Energised	53.60
SD2E-A4/L2Z51	20	250	All Ports Closed in Neutral,	
			Cross Over P to B, A to T Energised	53.60
SD2E-A4/L2X21	20	250	P to B, A to T in Neutral P to A,	
			B to T Energised	53.60
SD2E-A4/L2R21	20	250	P to A, B to T in Neutral, P to B,	
			A to T Energised	53.60

Function:

£

43.70

43.70

- · Four-way, two-position, high pressure directional spool valve Screw-in cartridge design
- · Used mainly to direct flow to actuators

Tech Sheet 68193

4/2 Directional Valves, Solenoid Operated,

Direct Acting, 7/8-14 UNF

0510	(t.) LPM	bar	Function	£
SD2E-B4/L2Z11	50	250	All Ports Closed in Neutral P to A,	
			B to T Energised	67.00
SD2E-B4/L2Z51	50	250	All Ports Closed in Neutral,	
			Cross Over P to B, A to T Energised	67.00



£

53.60

53.60

www.hydraquip.co.uk



