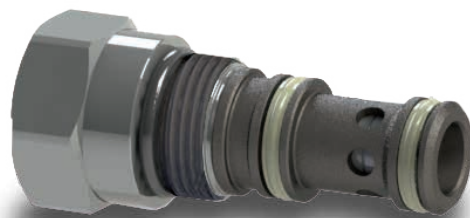
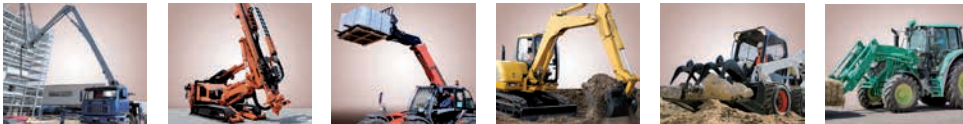
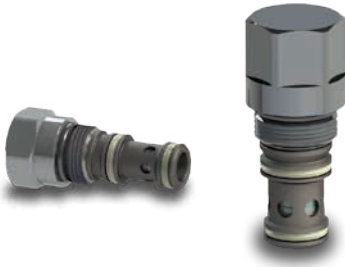


NEW

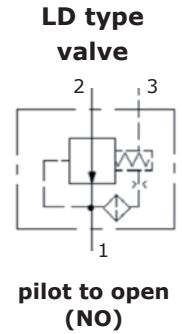
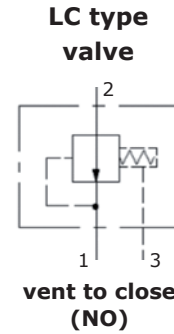
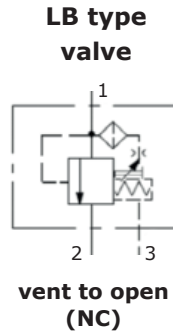
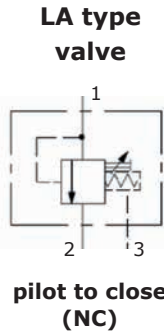
Spool type logic elements. SAE cavity cartridges



Spool type logic elements. SAE cavity cartridges



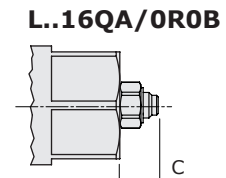
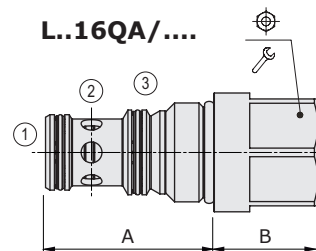
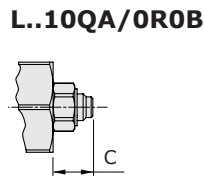
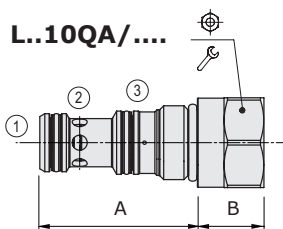
- Spool type
- Fixed or adjustable spring setting
- Compact 3 way SAE cavity



Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C (104°F) temperature.

	LA10QA LB10QA	LA16QA LB16QA	LC10QA LD10QA	LC16QA LD16QA
Nominal flow	80 l/min (21.13 US gpm)	190 l/min (50.19 US gpm)	60 l/min (15.85 US gpm)	150 l/min (39.62 US gpm)
Max. pressure	350 bar (5100 psi)			
Bias spring	1 bar (14.5 psi), 5 bar (72.5 psi), 10 bar (145 psi), adjustable: 8 ÷ 15 bar (116 ÷ 217 psi)			
Oil leakage	at 210 bar (3050 psi) 80 cm ³ /min (4.88 in ³ /min)	150 cm ³ /min (9.15 in ³ /min)	80 cm ³ /min (4.88 in ³ /min)	150 cm ³ /min (9.15 in ³ /min)
Fluid	mineral based oil			
Viscosity	10-200 cSt			
Max level of contamination	20/18/14 ISO4406			
Fluid temperature	with NBR seals with FPM seals	from -20°C (-4°F) to 80°C (176°F) from -20°C (-4°F) to 100°C (212°F)		
Environmental temperature for working conditions	from -20°C (-4°F) to 50°C (122°F)			
Cavity	SAE 10/3Q	SAE 16/3Q	SAE 10/3Q	SAE 16/3Q
Weight	0.150 kg (0.33 lb)	0.450 kg (0.99 lb)	0.150 kg (0.33 lb)	0.450 kg (0.99 lb)

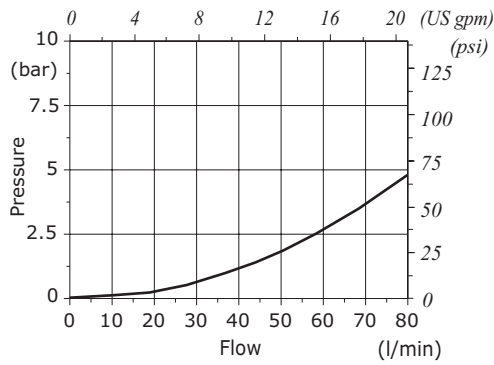
NOTE - For different conditions, please contact Walvoil Sales Dpt.



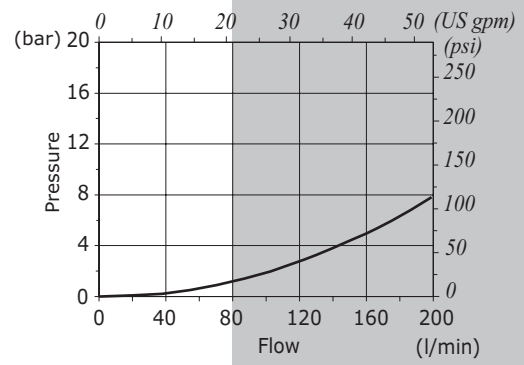
Valve type	A		B		C		⌀	Nm	lbft
	mm	in	mm	in	mm	in			
L..10QA/....	47.6	1.87	20	0.79	11.9 min 21 max	0.47 min 0.83 max	27	50	37
L..16QA/....	35.1	1.38	56.9	2.24	15.2 min 24 max	0.60 min 0.94 max	36	80	59

Rating diagrams

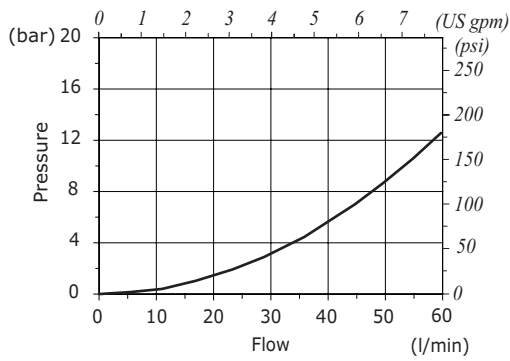
LA10QA and LB10QA
pressure drop vs. flow
(fully open)



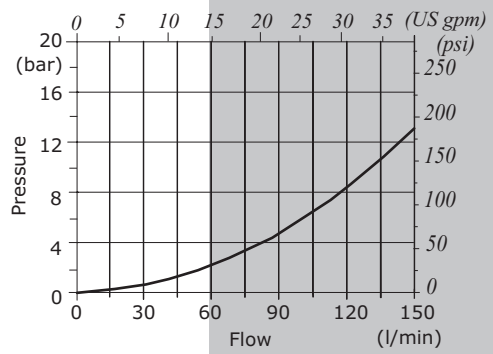
LA16QA and LB16QA
pressure drop vs. flow
(fully open)



LC10QA and LD10QA
pressure drop vs. flow
(fully open)



LC16QA and LD16QA
pressure drop vs. flow
(fully open)



Spool type logic elements. SAE cavity cartridges

