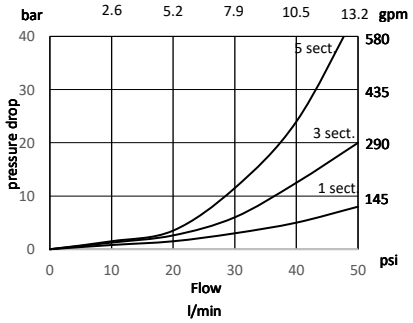
Working conditions

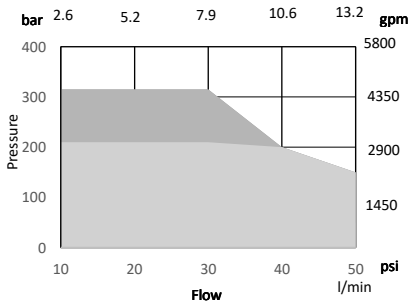
No. of available sections		up to 6	
Nominal flow rating		50 l/min	*13 US gpm*
Operating pressure (max.)	with drain port L	315 bar	*4500 psi*
	without drain port L	210 bar	*3050 psi*
Internal leakage (max.) A(B) to T	Δp = 100 bar (1450 psi) fluid and valve at 40 °C (104 °F)	15 cm^3/min	*0.92 in^3/min*
Fluid		Mineral based oil	
Fluid temperature	with NBR seals	from -20 °C to 80 °C	*from -4 °F to 176 °F*
	with FPM (Viton) seals	from -20 °C to 100 °C	*from -4 °F to 212 °F*
Viscosity	operating range	from 15 to 75 mm^2/s	*from 15 to 75 cSt*
	min.	12 mm^2/s	*12 cSt*
	max.	400 mm^2/s	*400 cSt*
Max contamination level		19/17/14 - ISO 4406	*NAS 1683 - class 8*
Supply voltage		12/24 V	
Max. allowable voltage variation		±10%	
Power		31 W	
Switching frequency		15 000 1/h	
Ambient temperature		from -20 °C to 50 °C	*from -4 °F to 140 °F*
Coil temperature		to 180 °C	*to 356 °F*
Duty cycle		Continuous	
Tie rods tightening torque (wrench 13)		15 Nm	*11 lb ft*

Pressure drops

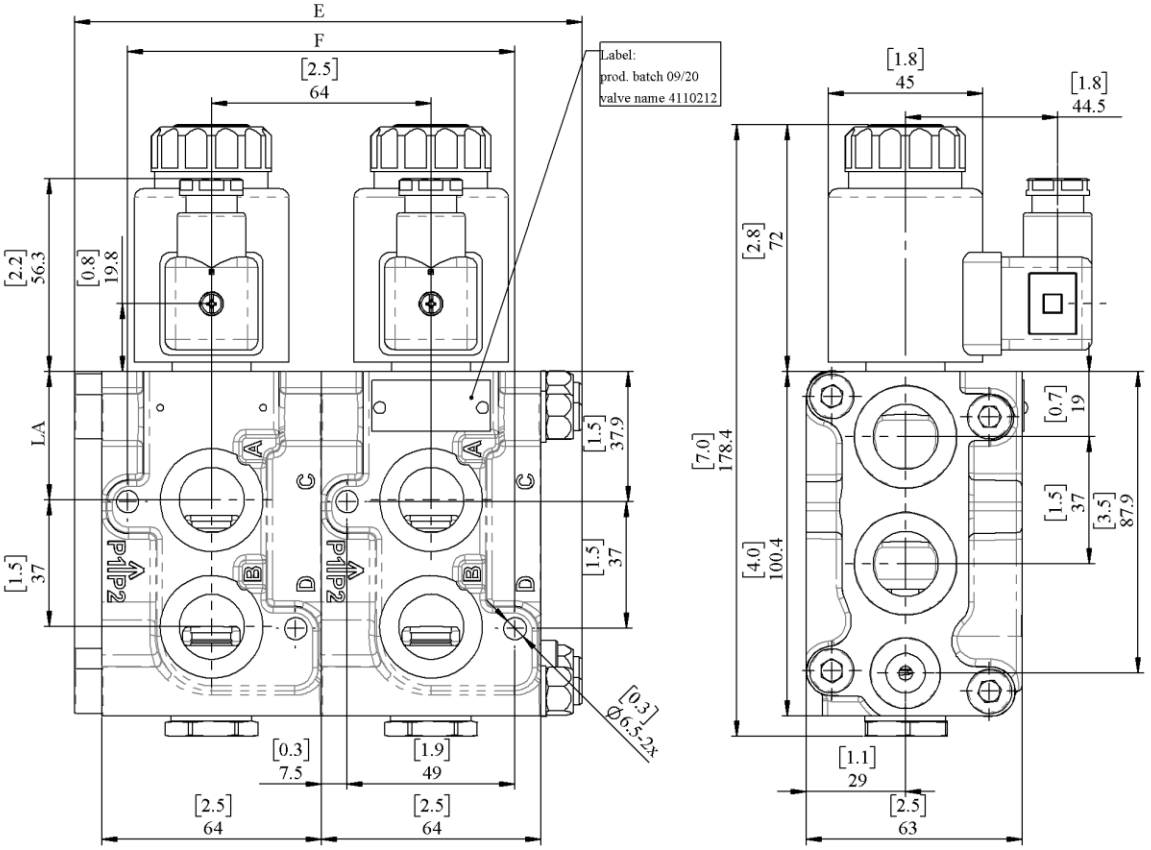


Minimum dynamic condition

Supply is Vn-10% Tcoil > 50 C



Dimensional data:



TYPE	E		F		Weight	
	mm	*in*	mm	*in*	kg	*lb*
DVS6	64	*2.5*	49	*1.9*	2.2	*4.8*
2DVS6	148	*5.8*	113	*4.4*	4.6	*10.1*
3DVS6	212	*8.3*	177	*7.0*	7	*15.4*
4DVS6	276	*10.9*	241	*9.5*	9.4	*20.7*
5DVS6	340	*13.4*	305	*12.0*	11.8	*26.0*
6DVS6	404	*15.9*	369	*14.5*	14.2	*31.3*