

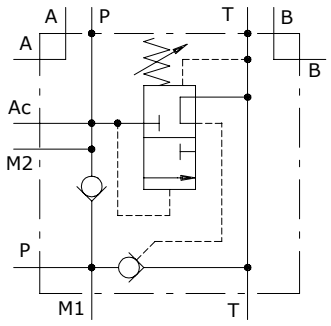
Type VDA/FL
unloader valves

- Face mounting cetop 3 (6-38) or cetop 5 (10-12)
- Built-in check

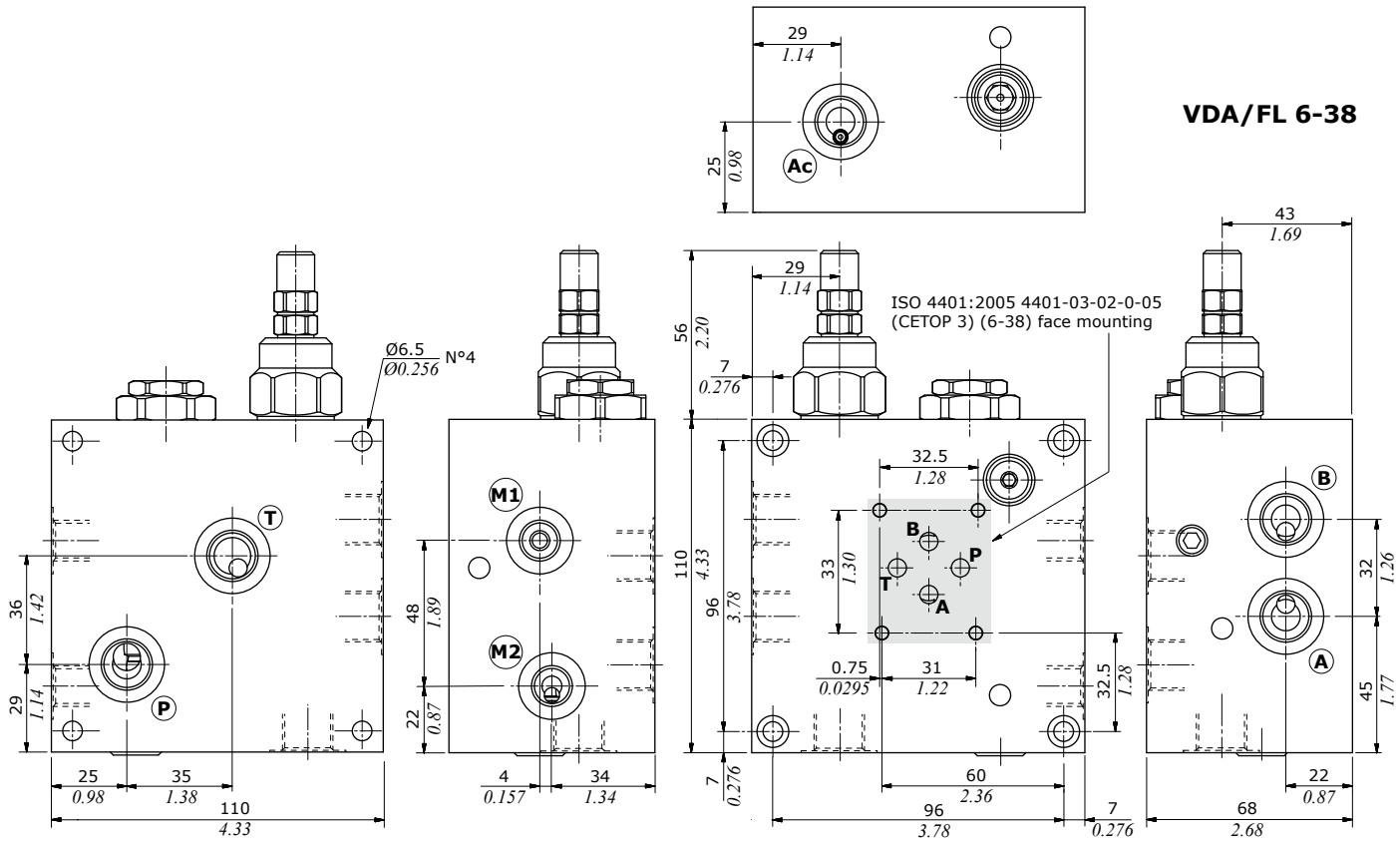
Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C *(104°F)* temperature.

		VDA/FL 38	VDA/FL 12
Nominal flow		25 l/min *(6.6 US gpm)*	50 l/min *(13.2 US gpm)*
Max. pressure		Aluminium body = 210 bar *(3050 psi)* Steel body = 350 bar *(5100 psi)*	
Fluid		mineral based oil	
Viscosity		from 10 to 200 cSt	
Max. level of contamination		18/16/13 ISO4406	
Fluid temperature		*with NBR seals* from -20°C *(-4°F)* to 80°C *(176°F)*	
Environmental temp. for working conditions		from -40°C *(-40°F)* to 100°C *(212°F)*	
Weight	*aluminium*	2.43 kg *(5.35 lb)*	2.80 kg *(6.17 lb)*
	steel	6 kg *(13.23 lb)*	7.05 kg *(15.54 lb)*

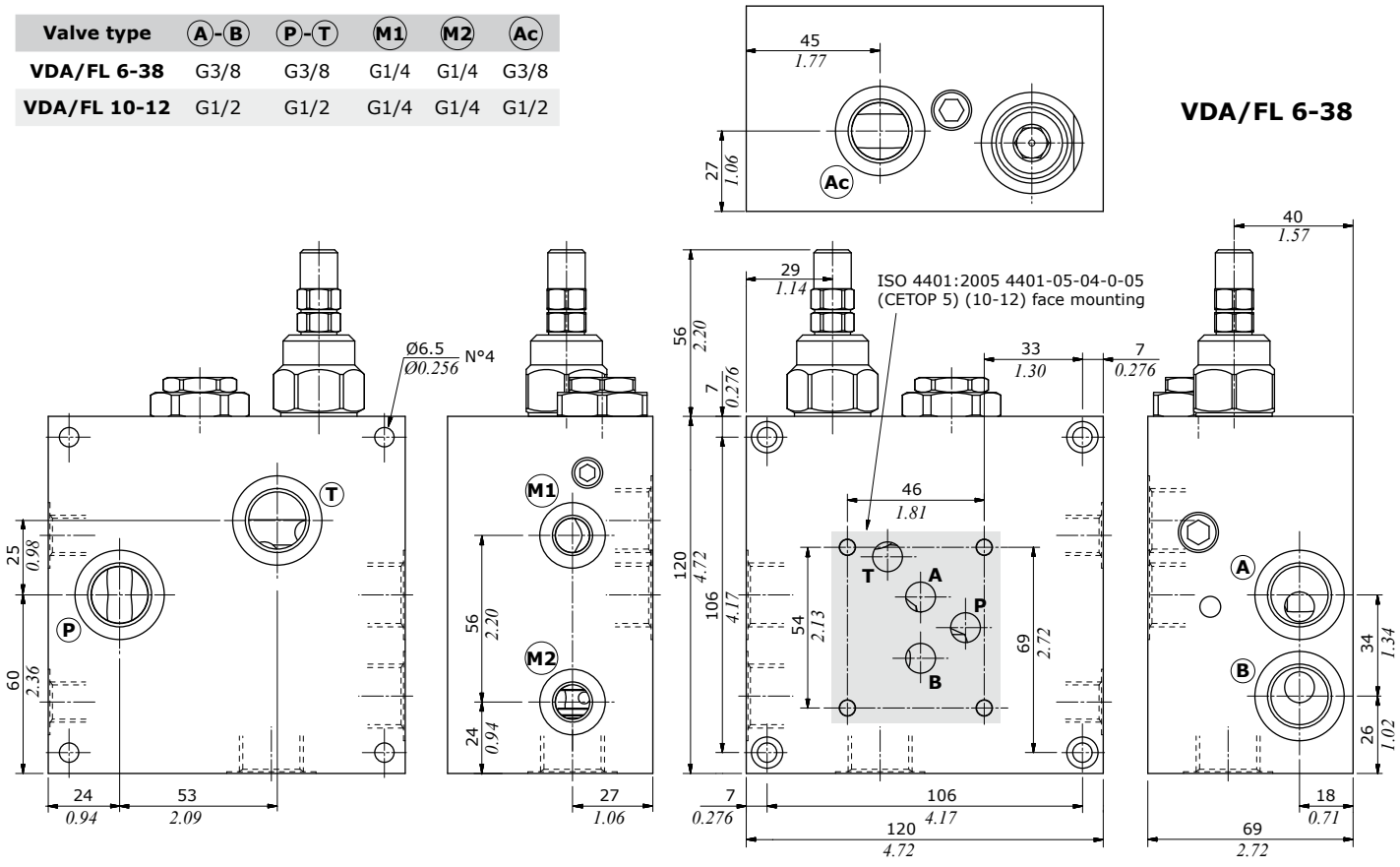
NOTE - For different conditions, please contact Walvoil Sales Dpt.



Dimensions



Valve type	A-B	P-T	M1	M2	Ac
VDA/FL 6-38	G3/8	G3/8	G1/4	G1/4	G3/8
VDA/FL 10-12	G1/2	G1/2	G1/4	G1/4	G1/2

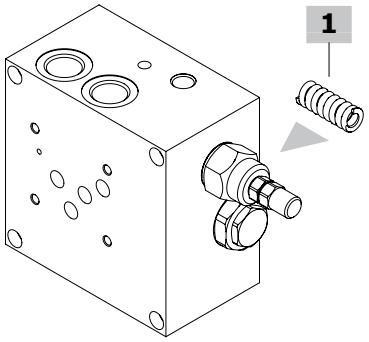


Ordering codes and description composition

Port size

VDA/FL 6-38/TR.S.VRR

1



VDA/FL complete valves

Standard setting 200 bar (2900 psi) at 5 l/min (1.32 US gpm)
Standard differential pressure 15%

TYPE	CODE	DESCRIPTION
Configuration with G3/8 standard thread		
VDA/FL 6-38/TR.S.VRR	1214021101	Aluminium body, range 100-250 bar *(1450-3600 psi)*
VDA/FL 6-38/TR.S.VRR/ac	1214022100	Steel body, as previous one
Configuration with G1/2 standard thread		
VDA/FL 10-12/TR.S.VRR	1214031101	Aluminium body, range 100-250 bar *(1450-3600 psi)*
VDA/FL 10-12/TR.S.VRR/ac	1214032100	Steel body, as previous one

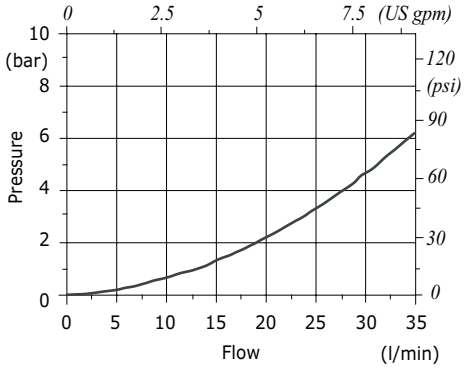
For other steel body configurations, SAE thread and configurations with FPM (Viton) seals, contact our Sales Dpt.

1 Pressure setting springs

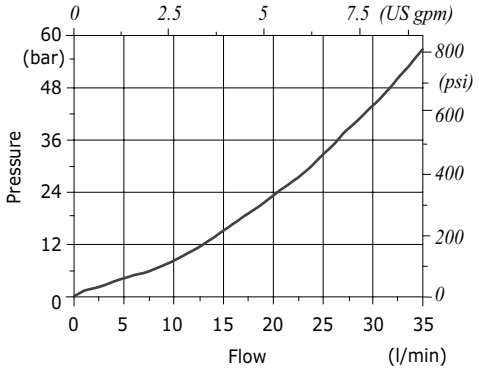
TYPE	CODE	DESCRIPTION
TV	3ML1164000	Setting range 5-110 bar *(72.5-1600 psi)*
TR	3ML1164001	Setting range 100-250 bar *(1450-3600 psi)*

Rating diagrams

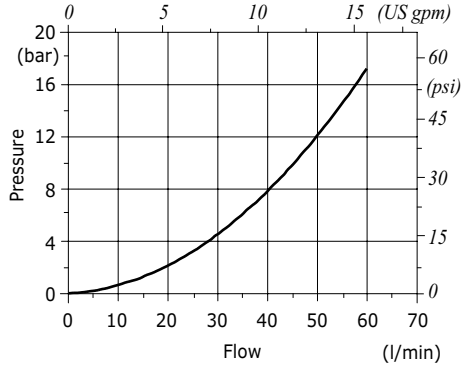
VDA/FL 6-38 P→T pressure drop vs. flow



VDA/FL 6-38 P→P cetop pressure drop vs. flow



VDA/FL 10-12 P→T pressure drop vs. flow



VDA/FL 10-12 P→P cetop pressure drop vs. flow

