

Type VOSL/ML counterbalance valves

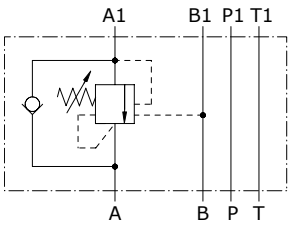
- Single acting
- Load sensitive
- Flange assembling according to ISO 4401:2005 (CETOP)

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

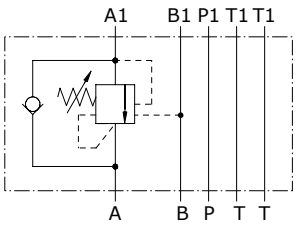
		VOSL/ML 6-38	VOSL/ML 10-12
Nominal flow		35 l/min *(9.2 US gpm)*	70 l/min *(18.5 US gpm)*
Max. pressure		Aluminium body = 210 bar *(3050 psi)* Steel body = 350 bar *(5100 psi)*	
Oil leakage		0.25 cm^3/min - *0.015 in^3/min.* (5 drops) at 210 bar - *3050 psi* at 80% of pressure setting	
Fluid		mineral 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*	1.27 kg *(2.80 lb)*	2.27 kg *(5.00 lb)*
	steel	2.68 kg *(5.91 lb)*	5.46 kg *(12.04 lb)*

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

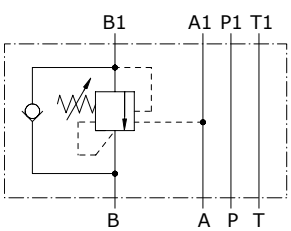
VOSL/ML 6-38A



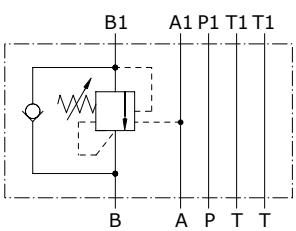
VOSL/ML 10-12A



VOSL/ML 6-38B

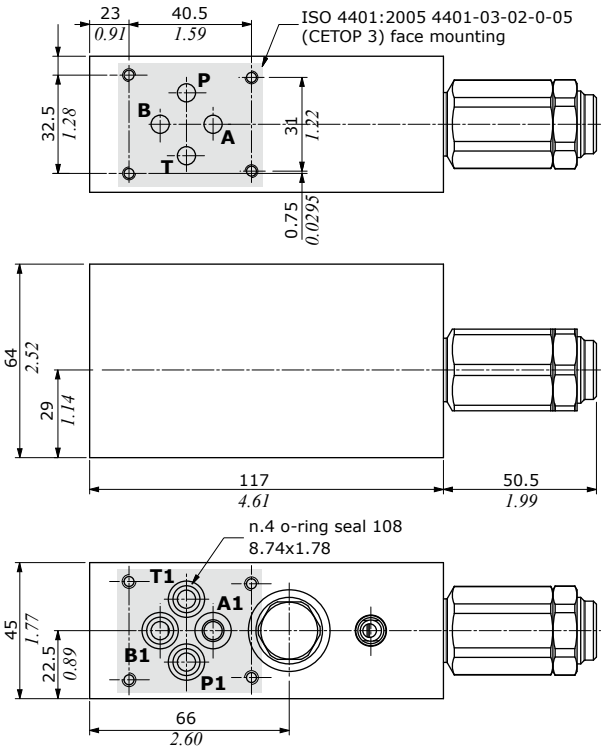


VOSL/ML 10-12B

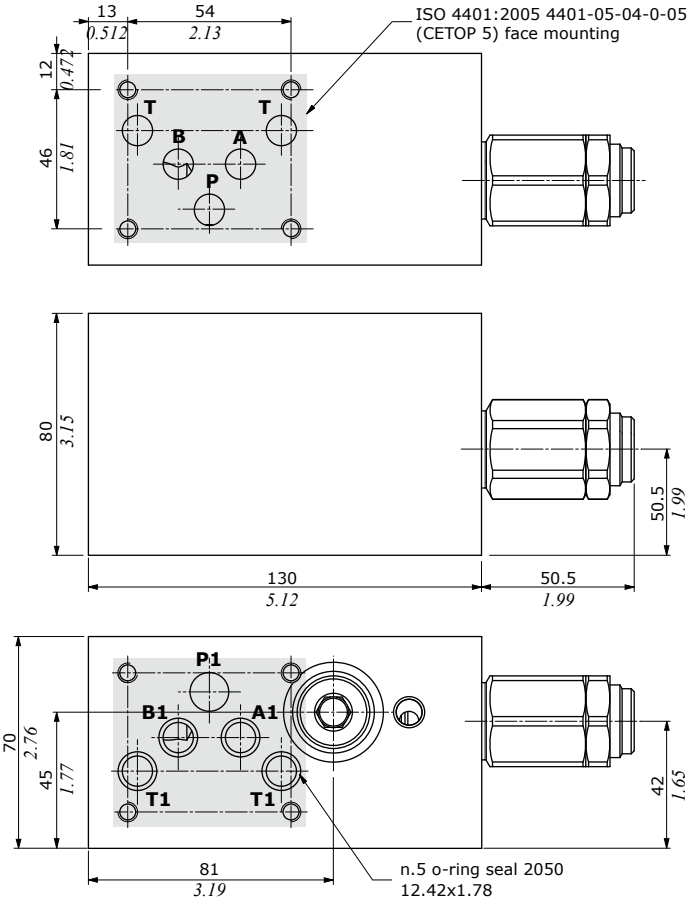


Dimensions

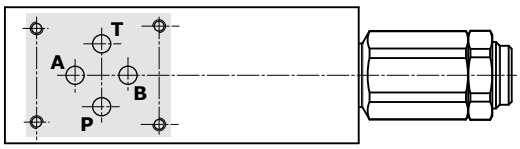
VOSL/ML 6-38A



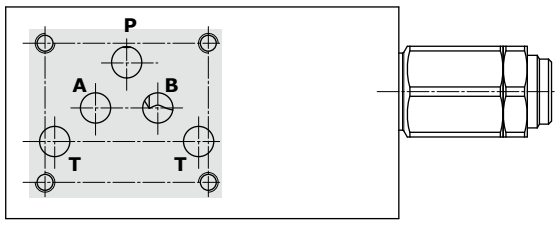
VOSL/ML 10-12A



VOSL/ML 6-38B



VOSL/ML 10-12B



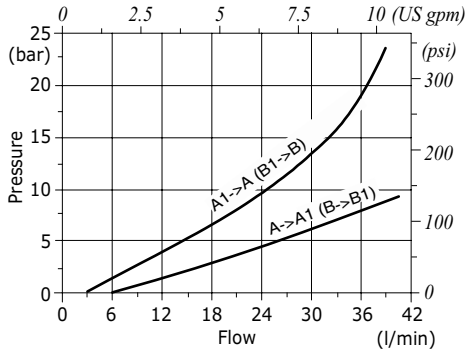
Ordering codes

VOSL/ML complete valves

TYPE: **VOSL/ML 6-38A/TR.S.p4** CODE: 1518021802
DESCRIPTION: Aluminium body, CETOP 3 flange, pilot ratio 1:4, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*
TYPE: **VOSL/ML 6-38B/TR.S.p4** CODE: 1518021808
DESCRIPTION: Aluminium body, CETOP 3 flange, pilot ratio 1:4, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*
TYPE: **VOSL/ML 10-12A/TR.S.p7.PG** CODE: 1518031802
DESCRIPTION: Aluminium body, CETOP 5 flange, pilot ratio 1:7, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*
TYPE: **VOSL/ML 10-12B/TR.S.p7.PG** CODE: 1518031808
DESCRIPTION: Aluminium body, CETOP 5 flange, pilot ratio 1:7, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*
For other configurations and steel body, please contact our Sales Dept.

Rating diagrams

VOSL/ML 6-38 pressure drop vs. flow from A->A1 (B->B1) and A1->A (B1->B)



VOSL/ML 10-12 pressure drop vs. flow from A->A1 (B->B1) and A1->A (B1->B)

