

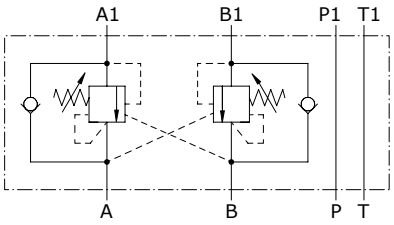
Type VODL/ML counterbalance valves

- Double 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.

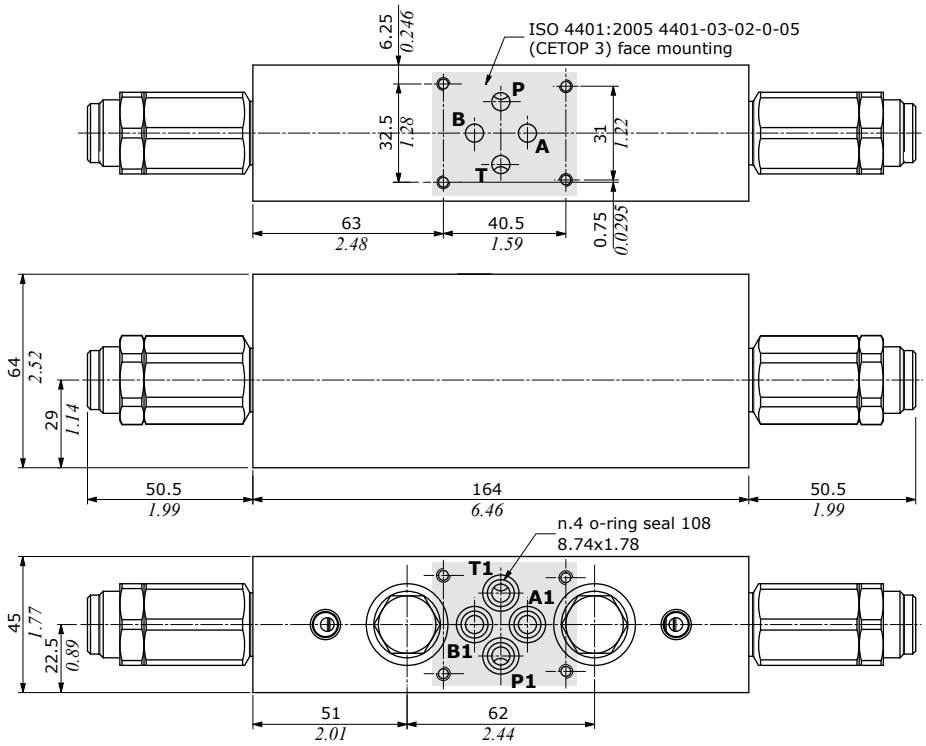
		VODL/ML 6-38	VODL/ML 10-12
Nominal flow		35 l/min *(9.2 US gpm)*	70 l/min *(18.5 US gpm)*
Max. pressure		Aluminium body = 210 bar *(3050 psi)* Steel body = 350 bar *(5100 psi)*	
Oil leakage		0.25 cm^3/min - *0.015 in^3/min.* (5 drops) at 210 bar - *3050 psi* at 80% of pressure setting	
Fluid		mineral 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*	1.75 kg *(3.86 lb)*	3.25 kg *(7.147 lb)*
	steel	3.70 kg *(8.16 lb)*	7.55 kg *(16.64 lb)*

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

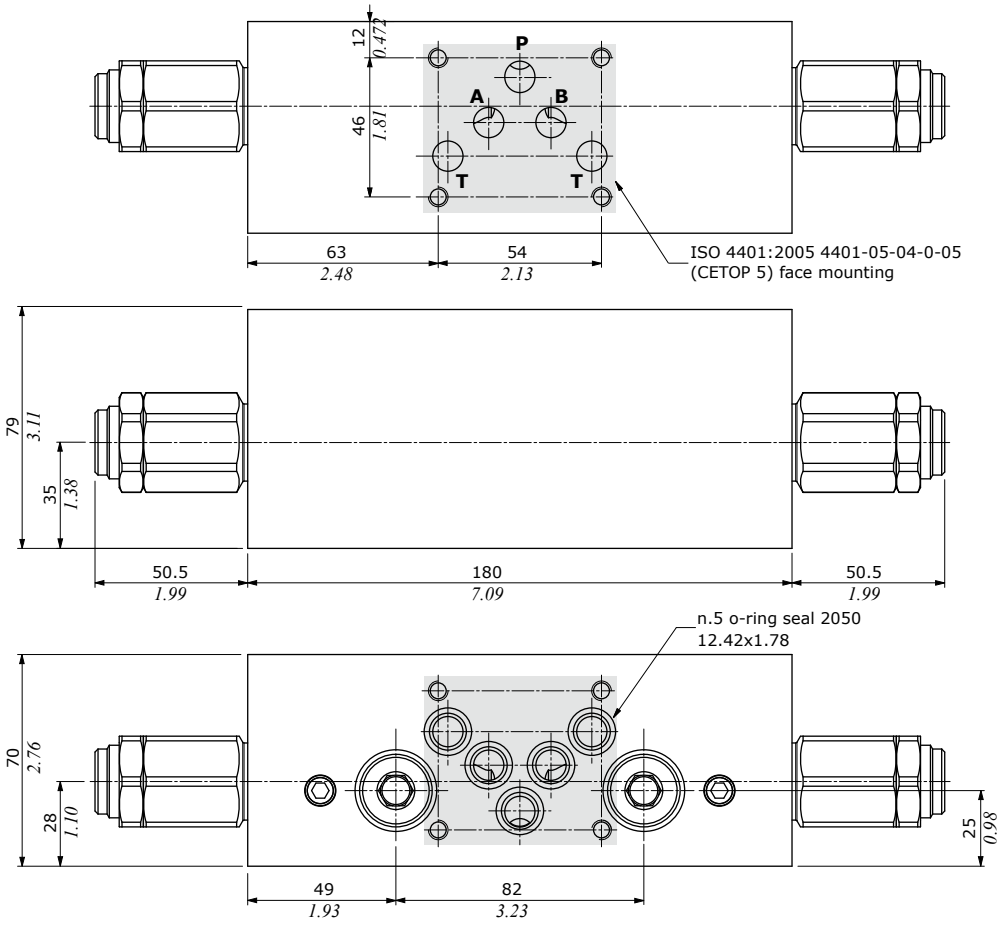


Dimensions

VODL/ML 6-38



VODL/ML 10-12



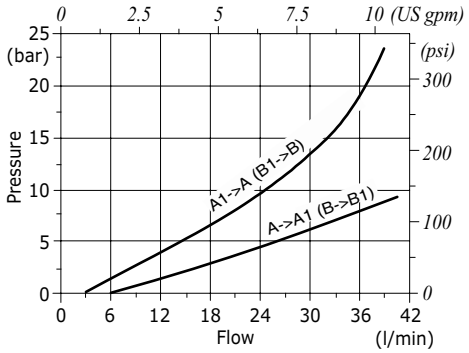
Ordering codes

VODL/ML complete valves

TYPE: **VODL/ML 6-38/TR.S.p4** CODE: 1558021802
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: **VODL/ML 10-12/TR.S.p7** CODE: 1558031802
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)

