

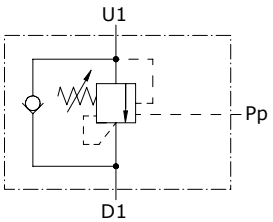
Type VOSLP counterbalance valves

- Single acting

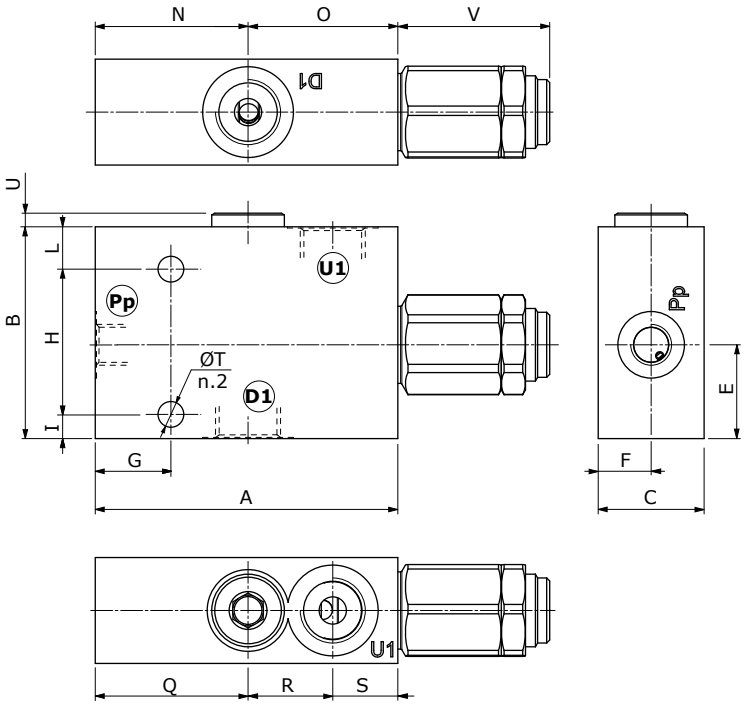
Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C *(104°F)* temperature.

		VOSLP 38	VOSLP 12	VOSLP 34	VOSLP 100
Nominal flow		35 l/min *(9.2 US gpm)*	70 l/min *(18.5 US gpm)*	100 l/min *(26.4 US gpm)*	180 l/min *(47.6 US gpm)*
Max. pressure		Aluminium body = 210 bar *(3050 psi)* Steel body = 350 bar *(5100 psi)*)			
Oil leakage		0.25 cm³/min - *0.015 in³/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*	0.89 kg *(1.96 lb)*	0.97 kg *(2.14 lb)*	1.75 kg *(3.86 lb)*	2.90 kg *(6.39 lb)*
	steel	1.59 kg *(3.51 lb)*	1.88 kg *(4.14 lb)*	3.29 kg *(7.25 lb)*	6.18 kg *(13.6 lb)*

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



Dimensions



Valve type	D1 U1	Pp
VOSLP 38	G3/8	G1/4
VOSLP 12	G1/2	G1/4
VOSLP 34	G3/4	G1/4
VOSLP 100	G1"	G1/4

Dimensions are in mm-*in*

Valve type	A	B	C	E	F	G	H	I	L	N	O	Q	R	S	ØT	V
VOSLP 38	98 *3.86*	65 *2.56*	30 *1.18*	27 *1.06*	15 *0.59*	27 *1.06*	40 *1.57*	8 *0.315*	17 *0.70*	47 *1.85*	51 *2.01*	47 *1.85*	29 *1.14*	22 *0.87*	8.5 *0.335*	52 *2.05*
VOSLP 12	100 *3.94*	70 *2.76*	35 *1.38*	31 *1.22*	17.5 *0.69*	25 *0.98*	48 *1.89*	8 *0.315*	14 *0.551*	50.5 *1.99*	49.5 *1.95*	50.5 *1.99*	28 *1.10*	21.5 *0.85*	8.5 *0.335*	57 *2.24*
VOSLP 34	120 *4.72*	90 *3.54*	40 *1.57*	36 *1.42*	20 *0.79*	32 *1.26*	70 *2.76*	10 *0.394*	10 *0.394*	55 *2.16*	65 *2.56*	55 *2.17*	35 *1.38*	30 *1.18*	10.5 *0.41*	66 *2.60*
VOSLP 100	140 *5.51*	100 *3.94*	60 *2.36*	37 *1.46*	30 *1.18*	30 *1.18*	80 *3.15*	10 *0.394*	10 *0.394*	64 *2.52*	76 *2.99*	64 *2.52*	46 *1.81*	30 *1.18*	10.5 *0.41*	66 *2.60*

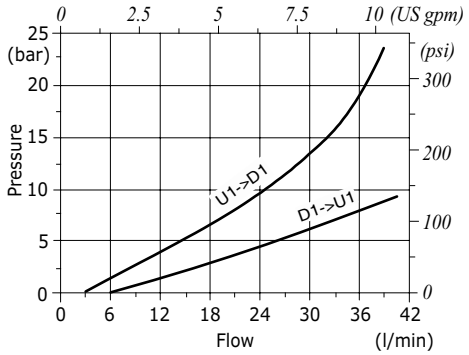
Ordering codes

VOSLP complete valves

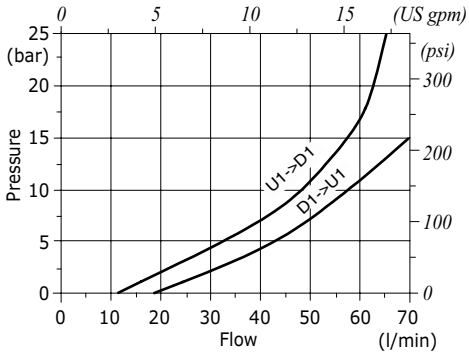
TYPE: **VOSLP 38/TR.S.p4** CODE: 1530021102
DESCRIPTION: Aluminium body, G3/8 ports, pilot ratio 1:4, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*
TYPE: **VOSLP 12/TR.S.p7** CODE: 1530031102
DESCRIPTION: Aluminium body, G1/2 ports, pilot ratio 1:7, range 50-350 bar *(725-5075 psi)*, std setting 280 bar *(4060 psi)* @ 5 l/min *(1.32 US gpm)*
TYPE: **VOSLP 34/TR.S.p7** CODE: 1530041102
DESCRIPTION: Aluminium body, G3/4 ports, 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: **VOSLP 100/TR.S.p7** CODE: 1530051102
DESCRIPTION: Aluminium body, G1" ports, 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

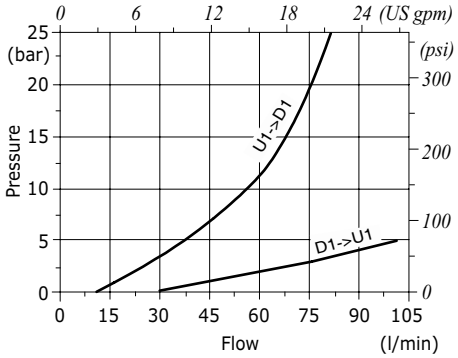
VOSLP 38 pressure drop vs. flow from D1->U1 and U1->D1



VOSLP 12 pressure drop vs. flow from D1->U1 and U1->D1



VOSLP 34 pressure drop vs. flow from D1->U1 and U1->D1



VOSLP 100 pressure drop vs. flow from D1->U1 and U1->D1

