

Type VODL/V1116/CS counterbalance valves

- Double acting
- Vented

Port size

VODL/V1116/CS/38/G3.p4.PR/ac

Port size

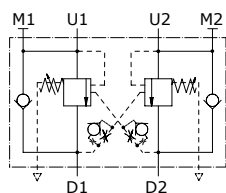
VODL/V1116/CS/12/G3.p4.PR/ac

Type	Selection 1	Selection 2	Selection 3	Nominal flow	Max. pressure	ports	weight
				l/min (US gpm)	bar (psi)		Kg (lb)
VODL/V1116/CS/38 ac	3/5	G/Z	p0/p4/p8	60(15.9)	350(5100)	All G3/8	3.64(8.02)
VODL/V1116/CS/38F2 ac				60(15.9)	350(5100)	G3/8 G1/4 Ø8.5Ø0.335	3.64(8.02)
VODL/V1116/CS/12 ac				60(15.9)	350(5100)	All G1/2	3.50(7.72)
VODL/V1116/CS/12F2 ac				60(15.9)	350(5100)	G1/2 G1/4 Ø8.5Ø0.335	3.50(7.72)
VODL/V1116/CS/S8 ac				60(15.9)	350(5100)	SAE8	3.64(8.02)
VODL/V1116/CS/S8F2 ac				60(15.9)	350(5100)	SAE8 G1/4 Ø8.5Ø0.335	3.64(8.02)
VODL/V1116/CS/S10 ac				60(15.9)	350(5100)	SAE10	3.50(7.72)
VODL/V1116/CS/S10F2 ac				60(15.9)	350(5100)	SAE10 G1/4 Ø8.5Ø0.335	3.50(7.72)

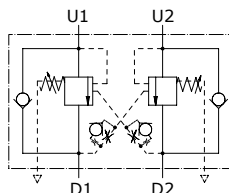
Type	Execution	Operation/ Features	Max. flow up to		Max.press. up to	
			l/min	US gpm	bar	psi
VODL/V1116/CS	double acting	vented	60	15.9	350 steel body	5100 steel body

Hydraulic diagram

VODL/V1116/CS

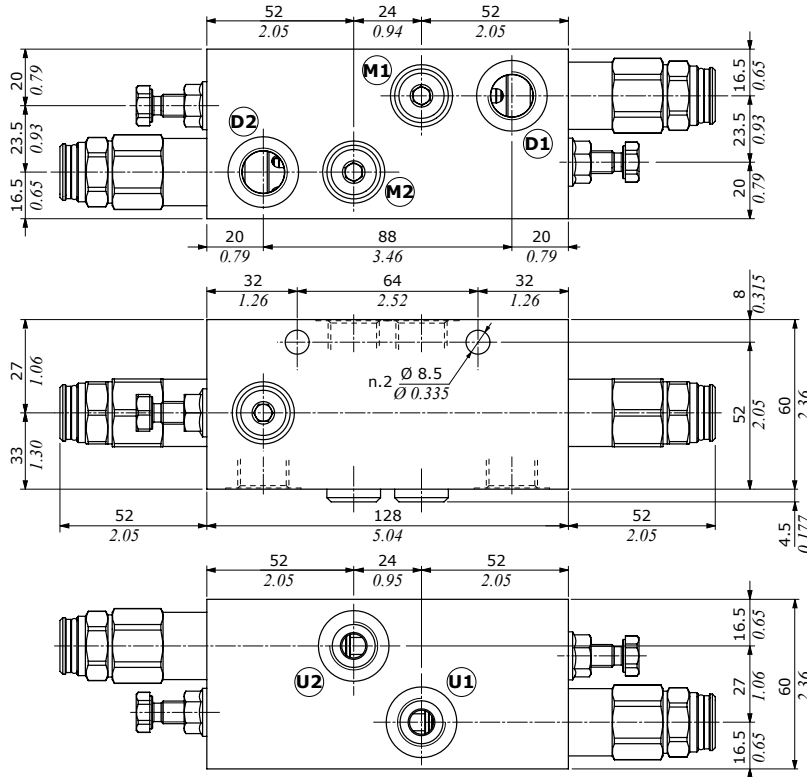


VODL/V1116/CS/F2

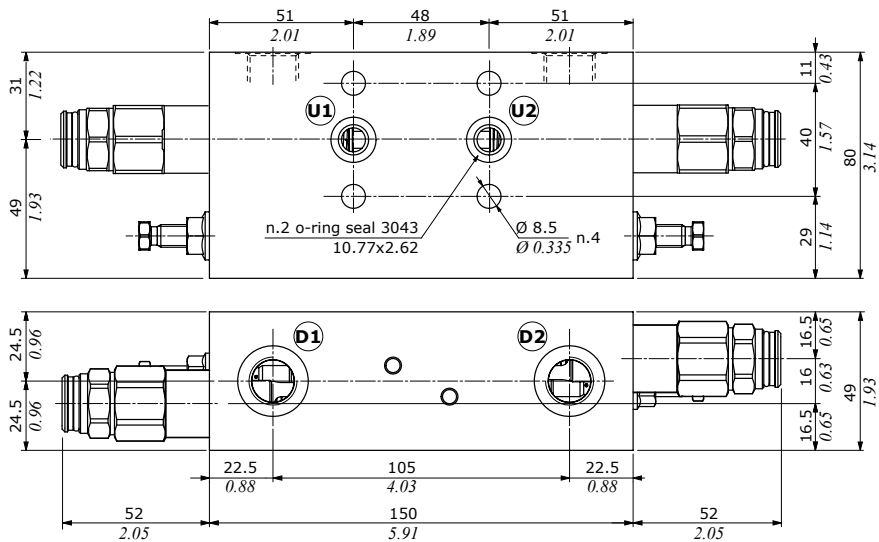


Dimensions

VODL/V1116/CS/38 - VODL/V1116/CS/12



VODL/V1116/CS/38F2 - VODL/V1116/CS/12F2



Valve type	D1 D2	U1 U2	M1 M2
VODL/V1116/CS/38	G3/8	G3/8	G1/4
VODL/V1116/CS/12	G1/2	G1/2	G1/4
VODL/V1116/CS/38F2	G3/8	$\varnothing 8.5 - \varnothing 0.335$	-
VODL/V1116/CS/12F2	G1/2	$\varnothing 8.5 - \varnothing 0.335$	-

Valve type	D1 D2	U1 U2	M1 M2
VODL/V1116/CS/S8	SAE8	SAE8	G1/4
VODL/V1116/CS/S10	SAE10	SAE10	G1/4
VODL/V1116/CS/S8F2	SAE8	$\varnothing 8.5 - \varnothing 0.335$	-
VODL/V1116/CS/S10F2	SAE10	$\varnothing 8.5 - \varnothing 0.335$	-

Ordering codes and description

Port size
VODL/V1116/CS/38/G3.p4.PR/ac

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Port size
VODL/V1116/CS/12/G3.p4.PR/ac

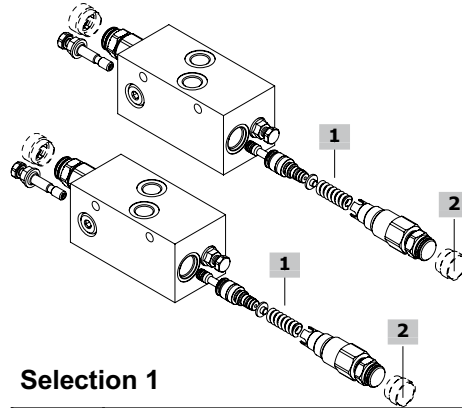
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Selection 2

TYPE	DESCRIPTION
G	Screw setting
Z	Antitampering cap

Selection 3

TYPE	DESCRIPTION
p0	pilot ratio 0
p4	pilot ratio 1:4
p8	pilot ratio 1:8



Selection 1

TYPE	DESCRIPTION
For 1:4 and zero differential pilot ratio	
3	For range 50-210 bar (725-3050 psi)
5	For range 150-350 bar (2175-5075 psi)
For 1:8 pilot ratio	
5	For range 180-350 bar (2610-5075 psi)

Dimensions

VODL/V/1116/CS pressure drop vs. flow
from D1->U1 and U1 to D1 (D2->U2 and U2 to D2)

