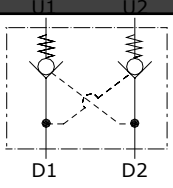


Type VBPD L/SO pilot operated check valves

- Double acting
- With bolt connection

Port size
VBPD L 14/SO/p4
Pilot ratio

Type	Selection 1	Selection 2	Nominal flow	Max. pressure	ports	weight
			l/min(US gpm)	bar(psi)		Kg(lb)
VBPD L 14/SO	P4	-	15(4.0)	210(3050)	All G1/4	0.60(1.32)
VBPD L 14/SO ac			15(4.0)	350(5100)	All G1/4	/
VBPD L VP 38/SO			25(6.6)	210(3050)	All G3/8	0.60(1.32)
VBPD L VP 38/SO ac			25(6.6)	350(5100)	All G3/8	/
VBPD L 38/SO			35(9.2)	210(3050)	All G3/8	0.77(1.70)
VBPD L 38/SO ac			35(9.2)	350(5100)	All G3/8	1.43(3.15)
VBPD L 12/SO			50(13.2)	210(3050)	All G1/2	0.80(1.76)
VBPD L 12/SOac			50(13.2)	350(5100)	All G1/2	1.43(3.15)

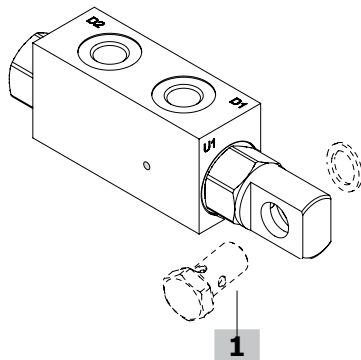
Hydraulic diagram	Type	Execution	Operation/ Features	Max. flow up to		Max.press. up to	
				l/min	US gpm	bar	psi
	VBPD L/SO	double acting	bolt connection	50	13.2	210 alum. body 350 steel body	3050 alum. body 5100 steel body

Ordering codes and description

Port size
VBPD L 14/SO/p4
Pilot ratio

Selection 1

TYPE	DESCRIPTION
P4	pilot ratio 1:4

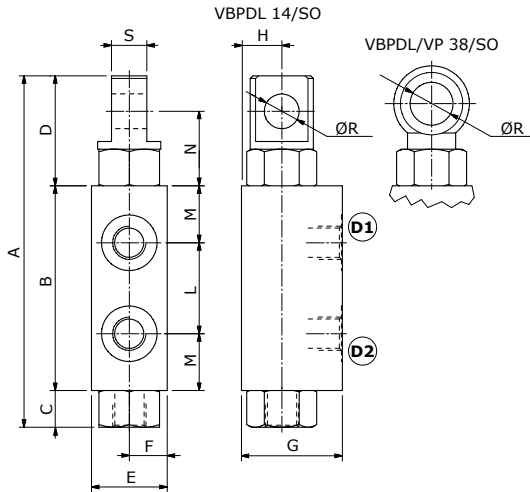


1 Joint kit with washer

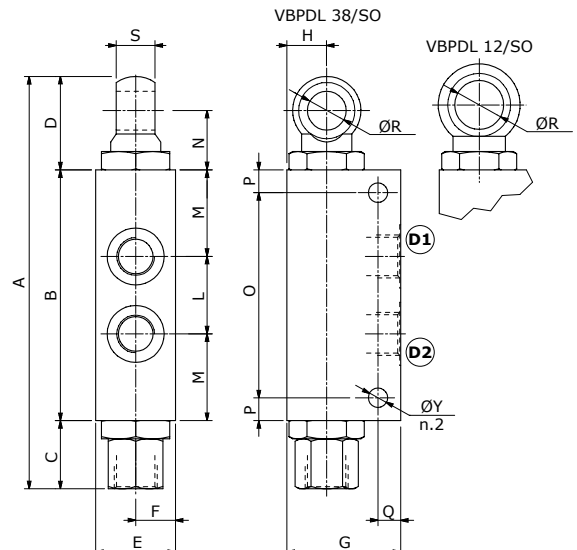
TYPE	CODE	DESCRIPTION
1/4"	4XBR1110240	G1/4 ports
3/8"	4XBR1120310	G3/8 ports
1/2"	4XBR1130380	G1/2 ports

Dimensions

VBPDL 14/SO and VBPDL/VP 38/SO valves



VBPDL 38/SO and VBPDL 12/SO valves

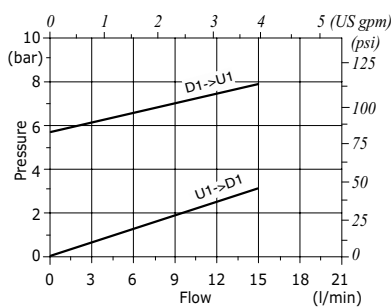


Dimensions are in mm-in

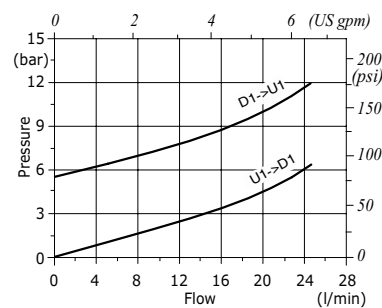
Valve type	A	B	C	D	E	F	G	H	L	M	N	O	P	Q	ØR	S	ØY
VBPDL 14/SO	139 5.47	81 3.19	14.5 0.57	43.5 1.71	30 1.18	15 0.59	40 1.57	16 0.63	36 1.42	22.5 0.88	29.5 1.16	/	/	/	13.7 0.54	14 0.55	/
VBPDL/VP 38/SO	58.3 4.72	81 3.19	19.5 0.77	47.5 1.87	30 1.18	15 0.59	40 1.57	16 0.63	36 1.42	22.5 0.88	32.5 1.28	/	/	/	17 0.67	17 0.67	/
VBPDL 38/SO	181 7.13	110 4.33	30 1.18	41 1.61	35 1.38	17.5 0.69	50 1.97	17.5 0.69	34 1.34	38 1.50	26 1.02	90 3.54	10 0.39	10 0.39	17 0.67	17 0.67	8.5 0.33
VBPDL 12/SO	190.5 7.50	110 4.33	33 1.30	47.5 1.87	35 1.38	17.5 0.69	XXX XXX	17.5 0.69	34 1.34	38 1.50	28.5 1.12	90 3.54	10 0.39	10 0.39	21.2 0.83	23.5 0.93	8.5 0.33

Rating diagrams

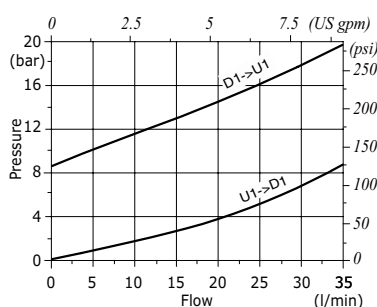
VBPDL 14/SO pressure drop vs. flow



VBPDL/VP 38/SO pressure drop vs. flow



VBPDL 38/SO pressure drop vs. flow



VBPDL 12/SO pressure drop vs. flow

