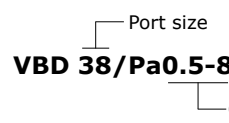
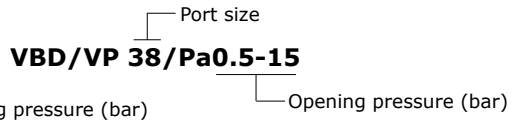


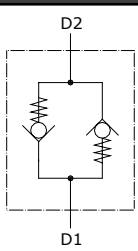
Type VBD-VBD/VP check valves

- Double acting

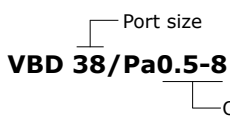

VBD 38/Pa0.5-8

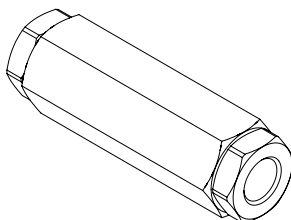

VBD/VP 38/Pa0.5-15

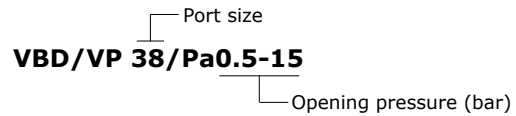
Type	Selection 1	Selection 2	Nominal flow	Max. pressure	ports	weight
			l/min(US gpm)	bar(psi)		Kg(lb)
VBD/VP 38	PaXX	-	20 (5.2)	350(5100)	All G 3/8	0.21 (0.46)
VBD 38			40 (10.5)	350(5100)	All G 3/8	0.46 (1.01)
VBD 12			60 (15.8)	350(5100)	All G 1/2	0.54 (1.19)
VBD 34			90 (23.8)	350(5100)	All G 3/4	1.51 (3.33)

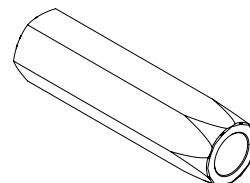
Hydraulic diagram	Type	Execution	Operation/ Features	Max. flow up to		Max.press. up to	
				l/min	US gpm	bar	psi
	VBD VBD/VP		double acting	90	23.8	350	5100

Ordering codes and description


VBD 38/Pa0.5-8

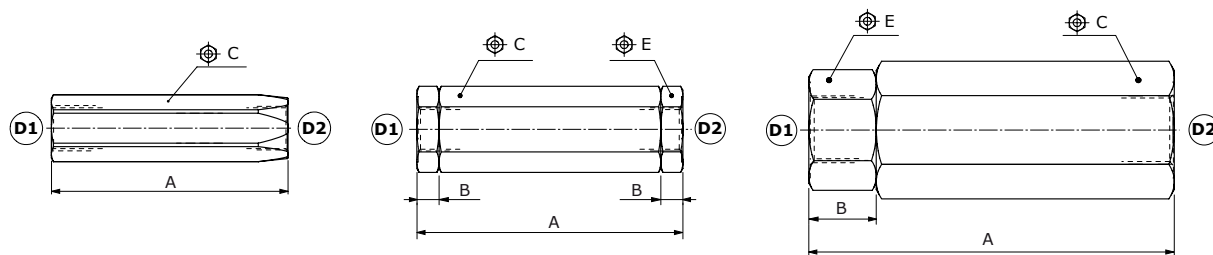



VBD/VP 38/Pa0.5-15



VBD VBD/VP

Dimensions

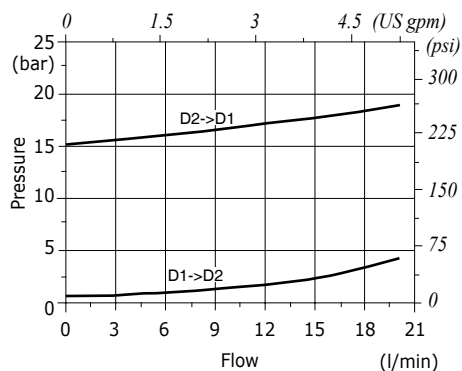


Valve type	All ports	Valve type	A	B	⌀C	⌀E
VBD 38/VP	G 3/8	VBD 38/VP	87-3.43	/	22	/
VBD 38	G 3/8	VBD 38	102-4.02	8.5-0.335	30	27
VBD 12	G 1/2	VBD 12	129-5.08	22-0.87	30	27
VBD 34	G 3/4	VBD 34	141-5.55	26-1.02	46	46
Valve type	All ports	Valve type	A	B	⌀C	⌀E
VBD 38/VP/SAE	SAE8	VBD 38/VP/SAE	87-3.43	/	22	/
VBD 38/SAE	SAE8	VBD 38/SAE	102-4.02	8.5-0.335	30	27

Rating diagrams

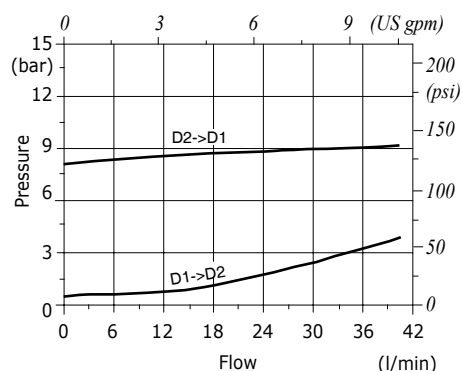
VBD/VP 38 pressure drop vs. flow

Opening pressure 0.5 bar (7.25 psi) and 15 bar (217 psi)



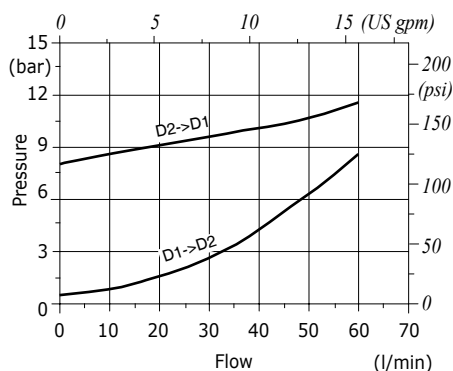
VBD 38 pressure drop vs. flow

Opening pressure 0.5 bar (7.25 psi) and 8 bar (116 psi)



VBD 12 pressure drop vs. flow

Opening pressure 0.5 bar (7.25 psi) and 8 bar (116 psi)



VBD 34 pressure drop vs. flow

Opening pressure 0.5 bar (7.25 psi) and 8 bar (116 psi)

