

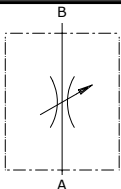


Type VSRB needle valves

- Bidirectional

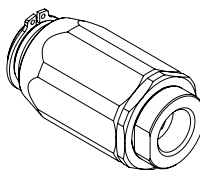
Port size
VSRB 14

Type	Selection 1	Selection 2	Nominal flow	Max. pressure	ports	weight
			l/min(US gpm)	bar(psi)		Kg(lb)
VSRB 14	C/S	PaXX	30(7.9)	350(5100)	All G1/4	0.30(0.66)
VSRB 38			45(11.9)	350(5100)	All G3/8	0.48(1.06)
VSRB 12			70(18.5)	350(5100)	All G1/2	0.59(1.3)
VSRB 34			100(26.4)	300(4350)	All G3/4	1.34(2.95)
VSRB 100			150(39.6)	250(3600)	All G1"	2.15(4.74)

Hydraulic diagram	Type	Execution	Operation/ Features	Max. flow up to		Max.press. up to	
				l/min	US gpm	bar	psi
	VSRB		bidirectional	150	39.6	350 steel body	5100 steel body

Ordering codes and description

Port size
VSRB 14



Selection 1

TYPE	DESCRIPTION
C	Poppet type
S	Ball type

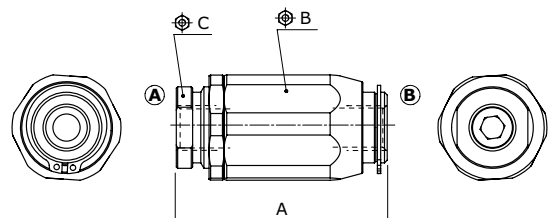
Selection 2

TYPE	DESCRIPTION
PaXX	Opening pressure

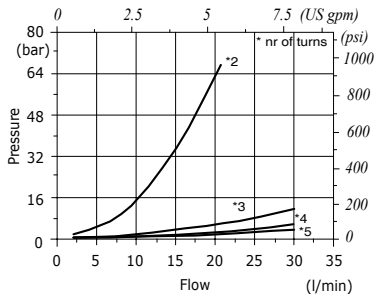
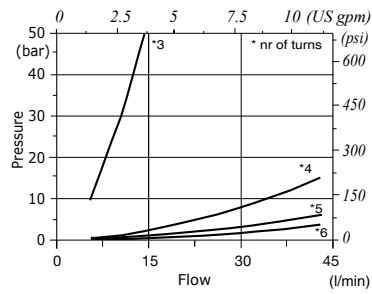
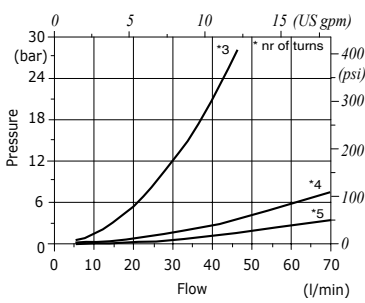
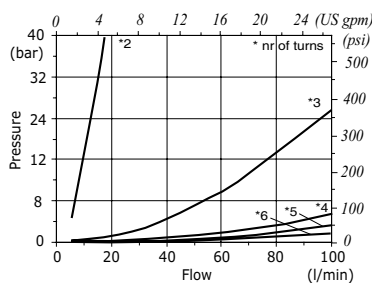
Dimensions

Dimensions are in mm-in

Valve type	All ports	A	⌀B	⌀c
VSRB 14	G 1/4	66-2.6	32	22
VSRB 38	G 3/8	77.5-3.05	38	26
VSRB 12	G 1/2	83-3.27	41	30
VSRB 34	G 3/4	104-4.09	55	38
VSRB 100	G 1"	118.5-4.66	65	46



Rating diagrams

VSRB 14 pressure drop vs. flow

VSRB 38 pressure drop vs. flow

VSRB 12 pressure drop vs. flow

VSRB 34 pressure drop vs. flow

VSRB 100 pressure drop vs. flow
