

QUICK EXHAUST VALVES SERIES VSR

New, more compact and lighter version.
Used to evacuate air in the cylinder quickly, which increases cylinder speed.

- Temperature 0-80°C (32°-176°F)
- Max. pressure 12 bar (1200 kPa - 203 psi)
- Min. pressure 0.5 bar (50 kPa - 7.25 psi)

Nominal flow rate (P → A) ΔP = 1 bar (14.5 psi) [scfm]:

Pm [psi]	1/8	1/4	1/2
36	19.5	28.3	85
58	24.7	42.4	99
91	31.8	49.5	127

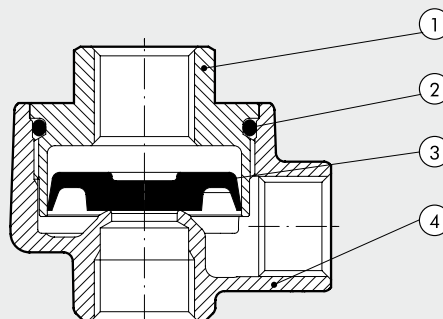
Empty flow rate (A → R) [scfm]:

Pm [psi]	1/8	1/4	1/2
36	28.3	53	155.6
58	42.4	86.6	222.9
91	63.6	123.8	283

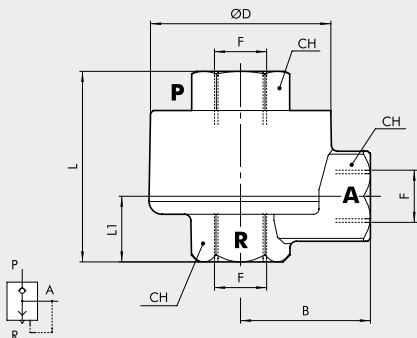


COMPONENTS

- ① Cap: nickel-plated brass for 1/8-1/4
anodized aluminium for 1/2
- ② O-ring: NBR
- ③ Lip-seal: Polyurethane
- ④ Body: nickel-plated brass

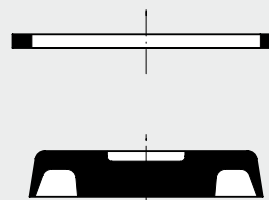


OVERALL DIMENSIONS AND ORDERING CODES



Code	Ref.	F	B	D	CH	L1	Weight [lb]
9101201U	VSR 1/8	1/8	0.73	1.16	0.55 (14 mm)	0.52	0.17
9201201U	VSR 1/4	1/4	0.92	1.34	0.67 (17 mm)	0.66	0.25
9401201U	VSR 1/2	1/2	1.34	1.85	1.06 (27 mm)	0.63	0.50

SPARE GASKETS



Code	Ref.
9151501	Spare gaskets VSR 1/8
9251501	Spare gaskets VSR 1/4
9451501	Spare gaskets VSR 1/2