

QUICK EXHAUST VALVE 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)
- Min. pressure 0.5 bar (50 KPa)

Nominal flow rate (P → A) $\Delta P = 1$ bar [Nl/min]:

| Pm [bar] | 1/8 | 1/4 | 1/2 |
|----------|-----|------|------|
| 2.5 | 550 | 800 | 2400 |
| 4 | 700 | 1200 | 2800 |
| 6.3 | 900 | 1400 | 3600 |

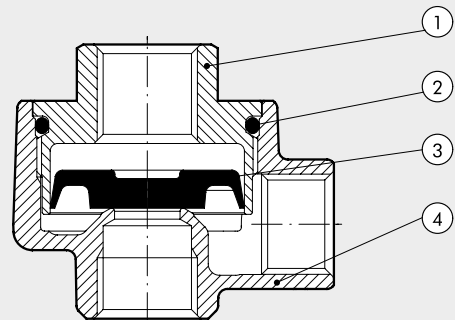
Empty flow rate (A → R) [Nl/min]:

| Pm [bar] | 1/8 | 1/4 | 1/2 |
|----------|------|------|------|
| 2.5 | 800 | 1500 | 4400 |
| 4 | 1200 | 2450 | 6300 |
| 6.3 | 1800 | 3500 | 8000 |

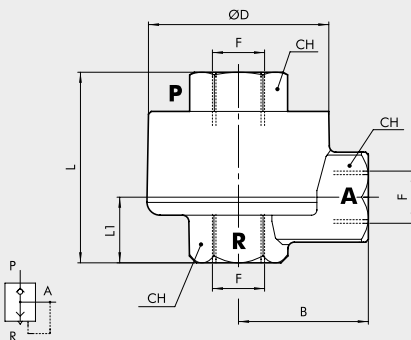


COMPONENTS

- 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

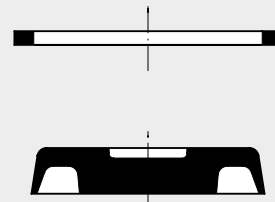


OVERALL DIMENSIONS AND ORDERING CODES



| Code | Ref. | F | B | D | CH | L | L1 | Weight [g] |
|---------|---------|-----|------|------|----|------|------|------------|
| 9101201 | VSR 1/8 | 1/8 | 18.5 | 29.5 | 14 | 32.5 | 13.4 | 80 |
| 9201201 | VSR 1/4 | 1/4 | 23.3 | 34 | 17 | 40.5 | 16.9 | 115 |
| 9401201 | VSR 1/2 | 1/2 | 35 | 47 | 27 | 45.7 | 16.2 | 230 |

SPARE GASKETS



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