



# REDLINE® V 300

## Shut-off valve

### Description

V 300 is a diaphragm shut-off valve with position indicator and click function. It is especially suitable for non-corrosive gases up to 6.0 purity (99.9999%) as well as gas mixtures with a low concentration of corrosive components.

Product name	Material	bar	psi	Art. Nr
V 300	Chrome-plated brass	300	4351	7774
V 300	Stainless steel	300	4351	7775

### Delivery and ordering information

Diaphragm shut-off valve including particle filter without inlet and outlet screw connection. In addition to the article number, please specify the type of gas. Other configurations on request.

### Benefits

V 300 is used as a shut-off valve in a central gas supply system. The click function ensures a clear closed position and prevents over-turning.

### Technical Data

	bar	psi
Maximum primary pressure	300	4351
Gas purity	≤ 6.0 (99.9999%)	
Leak rate	≤10 <sup>-9</sup> mbar l/s He to the outside ≤5x10 <sup>-6</sup> mbar l/s He in the seat	
Connections		
- Inlet	NPT ¼" f	
- Outlet	NPT ¼" f	
Flow coefficient	Cv = 0.106 – Kv = 0.25	
Materials		
- Casing	Cr-plated brass	Stainless steel 316L
- Membrane	Hastelloy®	
- Seat seal	PCTFE	
Operating temperature	-20°C ... +60°C	-4°F ... +140°F
Particle filter	Inlet 100 µm Outlet 100 µm	
Weight	0.33 kg max.	0.73 lb max.
Suitable for vacuum	Yes	

### Other accessories

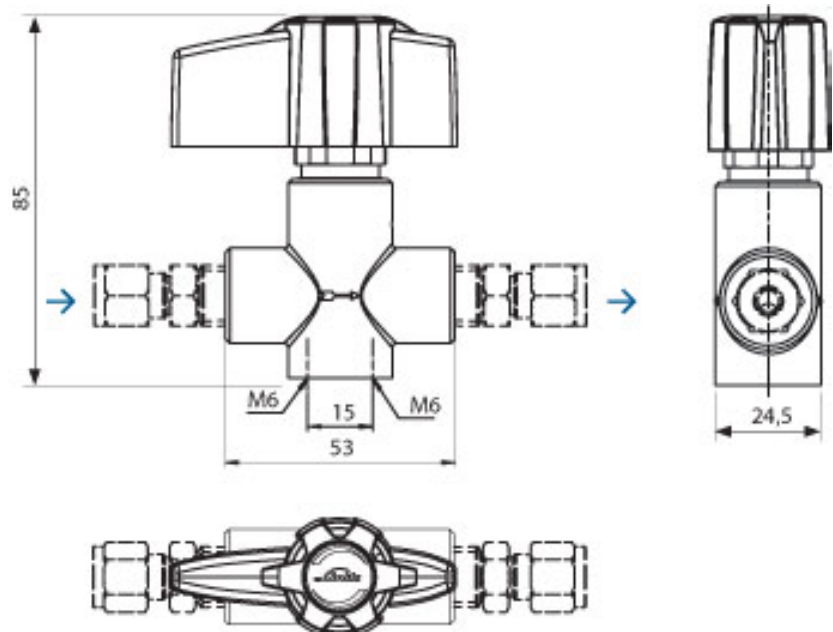
Gas type-specific manual connection, brass or stainless-steel compression fittings from 3 to 12 mm or 1/8" to 1/2" for service gas and relief valve outlet, contact pressure gauge.

### Quality Assurance

The diaphragm shut-off valve V 300 is manufactured, tested and delivered in accordance with the following international standards: ISO 900 and EN ISO 10297. The chrome-plated brass version is suitable for oxygen applications.

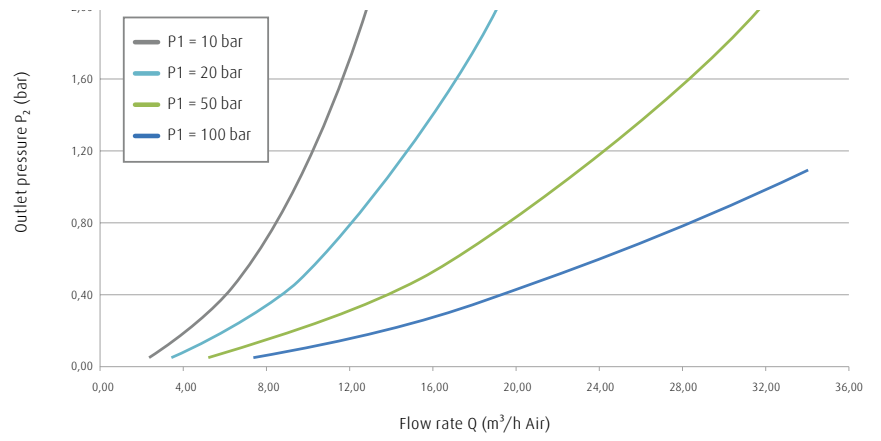
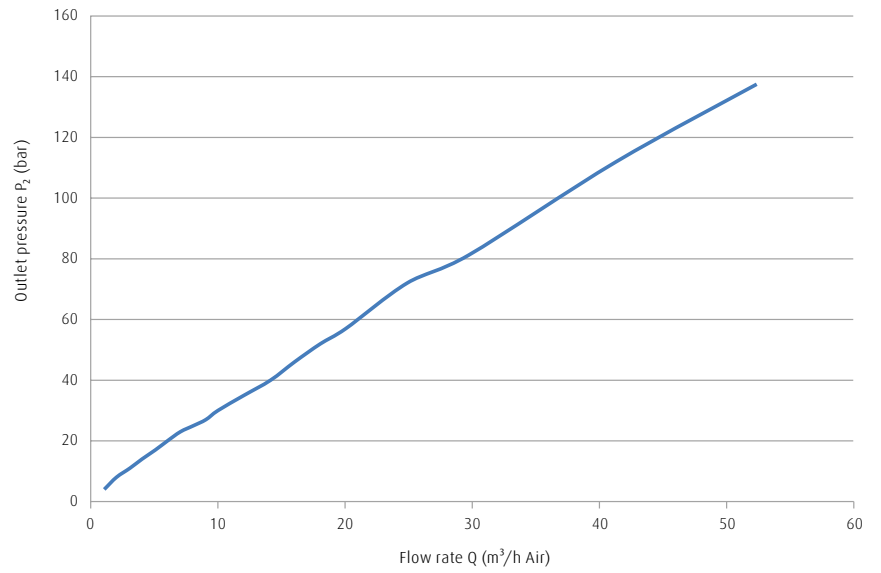


V 300



All dimensions in millimeters

V 300



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