

Flange pressure reducer



Art. No. 146763

Type No. FDM300.O2.10



Exemplary illustration

Single-stage type in pressed brass version in accordance with DIN EN ISO 2503, with shut-off valve and safety valve as well as pressure gauge each for cylinder content and working pressure.

Bottle pressure reducers are used to reduce a gas that has been compressed, liquefied and dissolved in a bottle at a certain filling pressure/upstream pressure to a much lower, as constant as possible back pressure/overpressure, as independently as possible of fluctuations in the upstream pressure and flow rate. Cylinder pressure reducers with connection to gas cylinders are suitable for reducing the pressure of various gases. They have a type approval in accordance with DIN EN ISO 2503 for welding, cutting and related processes. The connections are designed in accordance with DIN 477.

Technical data

Material	pressed brass
Min. temperature range	-20 °C
Max. temperature range	60 °C
Gas type	oxygen
Colour code	blue
Min. working pressure	0 bar
Max. working pressure	10 bar
Cylinder connection	NEVOC, W 30 x 2, spigot Ø 17.3 / 18.7
Hose connection	G 1/4 ET
Display range working pressure gauge	0-16 / rZ 10 bar
Indicating range	0 - 300/400 bar

Areas of application: Mechanical engineering, electrical and automotive industry, welding technology

Commercial data

Customs tariff number	84811099
Country of origin	IT
eCl@ss 5.1.4	37011108
eCl@ss 9.0	37011108
UNSPSC_Code_v190501	41112404
UNSPSC_CodeDesc_v190501	Pressure regulator

Accessories

	Art. No.	Type No.
Pressure gauge housing protection cap made of Plastic, black, for Pressure gauge-Ø 63 mm, for Connection radial bottom / back	146838	MGSK.KS.63
Pressure gauge double housing protection cap made of Plastic, black, for Pressure gauge-Ø 63 mm	146839	MDGSK.KS.63
Protective bracket for Cylinder pressure regulator, Black painted steel	146840	SBF.S
Pressure gauge - safety cap made of rubber, red, for press. gauge Ø 63 mm, for connection radial bottom / rear	101301	GS 30
Pressure gauge - safety cap made of rubber, blue, for press. gauge Ø 63 mm, for connection radial bottom / rear	101302	GS 31

Spareparts

	Art. No.	Type No.
Content pressure gauge for Cylinder pressure regulator, steel housing, oxygen, G 1/4, Connection radial bottom, 0 - 400 bar, Ø 63	146824	IMF.O2.14.400.6 3
Working pressure gauge for Cylinder pressure regulator, steel housing, oxygen, G1/4, Connection radial bottom, 0-16 bar, Ø 63	146827	AMF.O2.14.016.6 3
Replacement seal for Cylinder pressure regulator (Cylinder connection), NBR	146834	EDF.NBR
Hose connector incl. nut for Cylinder pressure regulator, for hose I.D. 6,5/7,2/9/9,8, G 1/4, Brass	146835	STMF.14.MS
Pressure gauge oxygen, for flange pressure 300 bar, Connection radial bottom, G 1/4, Measurement range 0 - 400 bar, Ø 63 mm	101296	405
Regulation, adjusting screw for working pressure, for cylinder pressure regulators, plastic	147570	ESS.AM
Regulation, adjusting screw for blocking valve, for cylinder pressure regulators, plastic	147571	ESS.AV