



Flaming devices



451-type Oxygen tank pressure regulator

Product description

Tank battery pressure reducer suitable for the decompression of gases used in automatic flaming processes. It has two pressure gauges to show High and Low Pressure, and is used on the outlet of tanks to reduce the pressure down to that of the line or equipment. Maximum inlet pressure is 200 bar, the outlet pressure is adjustable up to 12 bar. The inlet connection is specifically for oxygen, the outlet is fitted with an Ø 8 hose connector. Its maximum nitrogen capacity at 12 bar outlet pressure is 90 Nm³/h, 1500 NI/min. Suitable for automatic flaming with the CFP torch.

Normatives

UNI EN ISO 2503 | UNI EN ISO 5171 | UNI EN ISO 9539

Components

Body, cap and overpressure discharge valve integrated into the pressure regulator, made of CW614N brass.

Pressure adjustment by threaded screw.

Inlet connections are specific according to the type of gas.

No. One Ø8 mm hose connector on the outlet.

No. One 0-315 bar inlet pressure gauge, Ø 60 mm, class 2.5.

N. One 0-16 bar outlet pressure gauge, Ø 60 mm, class 2.5.

Stainless steel springs.

NBR membrane.

TEFLON seal seat.

NBR o-ring.

Nylon gaskets.

Maintenance kit

CODE	DESCRIPTION
CK040	REPLACEMENT EQ 451 A.P.

Technical data

CODE	Q max.	P ₁ max.	P ₂ max.	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
C7315	90 Nm ³ /h	200 bar	12 bar	SI22,81x1,814 'B'	Ø 8 mm hose connector	4,0 kg
C7316	90 Nm ³ /h	200 bar	12 bar	G3/4" 'A'	Ø 8 mm hose connector	4,0 kg
C7317	90 Nm ³ /h	200 bar	12 bar	G5/8" BS 'B'	Ø 8 mm hose connector	4,0 kg
C7340	90 Nm ³ /h	200 bar	12 bar	W21,7x1/14" 'A'	Ø 8 mm hose connector	4,0 kg

Technical Images

