



451 line pressure regulator

Product description

Line pressure regulator with two pressure gauges used to reduce the pressure to that of the line or equipment; max inlet pressure 30 bar (200 bar CRL003), max outlet pressure can be regulated to 10 bar (12 bar CRL003).Inlet and outlet connection G1/2" F R.Max. nitrogen capacity at 10 bar 70 Nm^3/h, 1166 Nl/min.

Normatives

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

Components

Body, cap and overpressure discharge valve, incorporated in the pressure regulator, made of CW614N brass.
Pressure adjustment by threaded screw.
No.1 G1/2" F R inlet.
No.1 G1/2" F R outlet.
No.1 0-40 bar inlet pressure gauge (0-2.5 bar for acetylene, 0-16 bar for propane, 0-315 bar CRL003), diameter Ø63 mm, class 2.5.
N.1 0-16 bar outlet pressure gauge (0-2.5 bar for acetylene, 0-6 bar for propane), diameter Ø63 mm, class 2.5.Stainless steel springs.
NBR membrane.
TEFLON, EPDM seat for C_2H_2.
NBR O-ring.
NYLON gaskets.

Maintenance kit

CODE	DESCRIPTION
CK040	MAINTENANCE EQ 451 PRESSURE REDUCER H.P.
CK041	MAINTENANCE EQ 451 PRESSURE REDUCER L.P.

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Technical data

CODE	GAS	Q max.	P_1 max.	P_2 max.	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
CRL002	OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE, HYDROGEN	70 Nm³/h	30 bar	10 bar	G1/2"F R	G1/2"F R	4 kg
CRL002A	ACETYLENE	70 Nm³/h	2 bar	1,2 bar	G1/2"F R	G1/2"F R	4 kg
CRL002P	PROPANE	70 Nm³/h	4 bar	2 bar	G1/2"F R	G1/2"F R	4 kg
CRL003	OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE, HYDROGEN	90 Nm³/h	200 bar	12 bar	G1/2"F R	G1/2"F R	4 kg

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