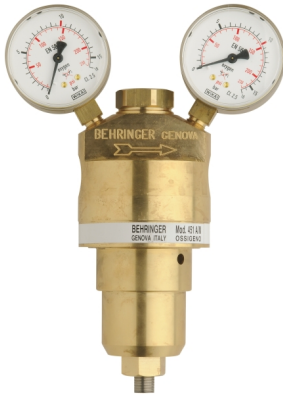


Marine and industrial plant engineering



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 Nm³/h, 1166 NI/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 C₂H₂.

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.

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 Nm ³ /h	30 bar	10 bar	G1/2" F R	G1/2" F R	4 kg
CRL002A	ACETYLENE	70 Nm ³ /h	2 bar	1,2 bar	G1/2" F R	G1/2" F R	4 kg
CRL002P	PROPANE	70 Nm ³ /h	4 bar	2 bar	G1/2" F R	G1/2" F R	4 kg
CRL003	OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE, HYDROGEN	90 Nm ³ /h	200 bar	12 bar	G1/2" F R	G1/2" F R	4 kg