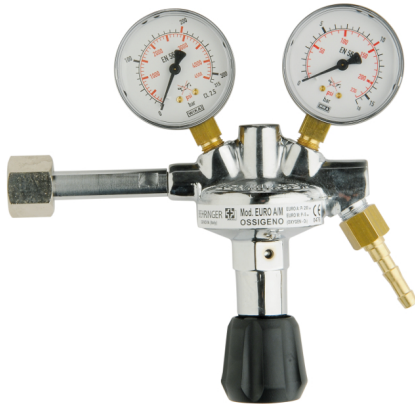




BEHRINGER

Medical gas devices



EURO/A cylinder pressure regulator

Product description

Pressure regulator for cylinders, suitable for medical gases, equipped with dual pressure gauge to show high and low pressure, used on outlet of cylinders 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 gas inlet connection is specific to the gas type, the outlet is fitted with an Ø 8 hose connector. Its maximum nitrogen capacity at 12 bar outlet pressure is 60 Nm³/h, 1000 NI/min.

Normatives

UNI EN ISO 10524-1:2006 | UNI EN ISO 10524-2:2006 | UNI EN ISO 9001:2008 | UNI CEI EN ISO 14971:2012 | UNI CEI EN ISO 13485:2004 | UNI EN ISO 15001:2012

Components

Connection, body, cap and overpressure discharge valve integrated in the pressure regulator, made of CW614 chemically nickel-plated brass.

Pressure adjustment by threaded screw and black ABS knob.

N. One gas-specific inlet.

N. One Ø8 mm hose connector on the outlet.

N. One 0-315 bar inlet pressure gauge, Ø 63 mm, class 2.5.

N. One 0-16 bar outlet pressure gauge, Ø 63 mm, class 2.5.

Stainless steel springs.

VITON O-Ring for O₂, NBR O-ring for other gases.

NYLON seal seat for O₂, TEFLON seal seat for other gases.

VITON O-Ring for O₂, NBR O-ring for other gases.

Nylon gaskets.

Product codes

GAS	CONNECTION	CODE
OXYGEN	G3/4" 'A'	HR160D
OXYGEN	SI22,91x1,814	HR160F
NITROUS OXIDE	SI26x1,5 'B'	HR161F
AIR	G5/8" DIN 'B'	HR162D

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Product codes

GAS	CONNECTION	CODE
AIR	W24x2" 'A'	HR162F
CARBON DIOXIDE	W21,80x1/14" 'A'	HR163D
CARBON DIOXIDE	SI21,7x1,814 'A'	HR163F
NITROGEN	W24,32x1/14" 'A'	HR164D
NITROGEN	SI21,7x1,814 'A'	HR164F

Technical data

CODE	Q max.	P ₁ max.	P ₂ max.	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
HR160D	60 Nm ³ /h	200 bar	12 bar	G3/4" 'A'	Hose connector Ø 8 mm	1,5 kg
HR160F	60 Nm ³ /h	200 bar	12 bar	SI22,91x1,814	Hose connector Ø 8 mm	1,5 kg
HR161F	60 Nm ³ /h	200 bar	12 bar	SI26x1,5 'B'	Hose connector Ø 8 mm	1,5 kg
HR162D	60 Nm ³ /h	200 bar	12 bar	G5/8" DIN 'B'	Hose connector Ø 8 mm	1,5 kg
HR162F	60 Nm ³ /h	200 bar	12 bar	W24x2" 'A'	Hose connector Ø 8 mm	1,5 kg
HR163D	60 Nm ³ /h	200 bar	12 bar	W21,80x1/14" 'A'	Hose connector Ø 8 mm	1,5 kg
HR163F	60 Nm ³ /h	200 bar	12 bar	SI21,7x1,814 'A'	Hose connector Ø 8 mm	1,5 kg
HR164D	60 Nm ³ /h	200 bar	12 bar	W24,32x1/14" 'A'	Hose connector Ø 8 mm	1,5 kg
HR164F	60 Nm ³ /h	200 bar	12 bar	SI21,7x1,814 'A'	Hose connector Ø 8 mm	1,5 kg

Technical Images

