

Medical gas devices



HF cylinder pressure regulator

Product description

Pressure regulator for cylinders, suitable for medical gases, equipped with single pressure gauge to show cylinder pressure, used on cylinder outlets to reduce the pressure down to the line or equipment set. Maximum inlet pressure is 200 bar, the outlet pressure is adjustable up to 4 bar. The gas inlet connection is specific to the gas type, the outlet is fitted with a G1/4" M R connector. Its maximum capacity at 4 bar outlet pressure is 9 Nm³/h, 150 NI/min.



Organismo Notificato n. 0476
Notified Body nr. 0476

Normatives

UNI EN ISO 10524-1 | UNI EN 837-1 | UNI CEI EN ISO 14971 | UNI CEI EN ISO 13485 | UNI EN ISO 15001

Components

- N.One HF High Pressure regulator with chemically nickel-plated CW617N brass body.
- N.One gas-specific inlet.
- N.One connector G1/4" M R on the outlet.
- N.One overpressure discharge valve, built into the pressure regulator, pre-calibrated.
- N.One High Pressure gauge with range 0/315 bar, class 2.5.
- N.One stainless steel inlet filter with filtration grade > 100 mm.
- Stainless steel springs.
- EPDM PEROX membrane.
- NYLON seal seat for O₂, PTFE seal seat for other gases.
- EPDM PEROX O-Ring.

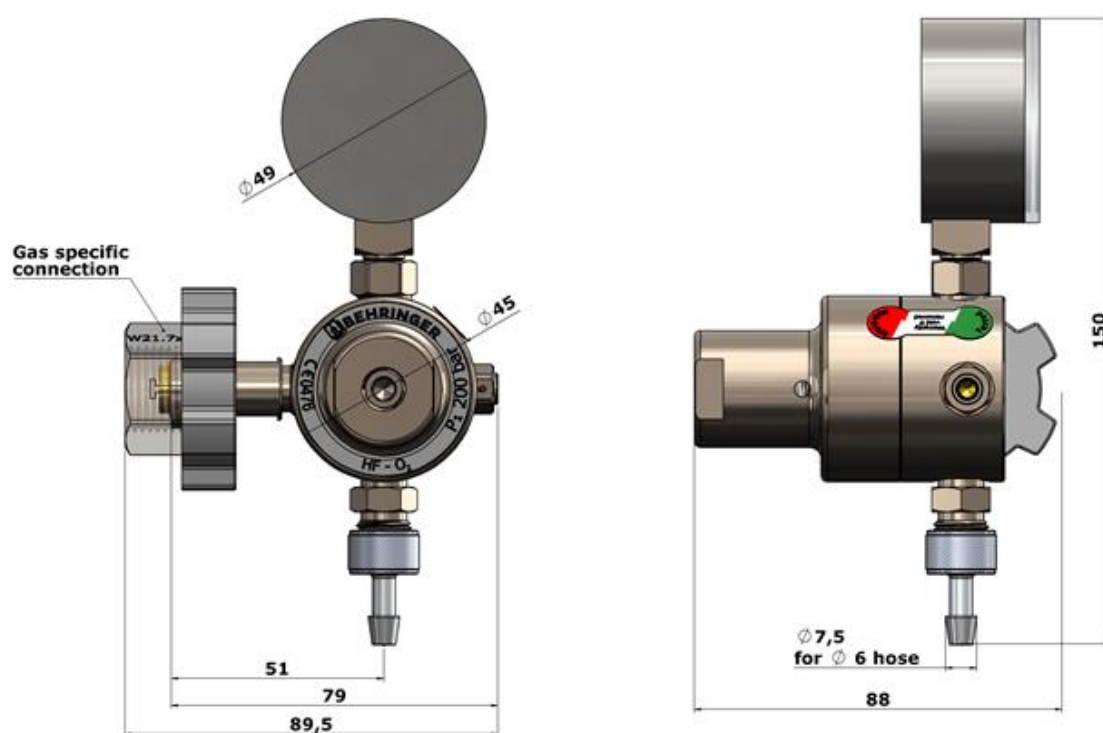
Maintenance kit

CODE	GAS	DESCRIPTION
HK010	O ₂	MAINTENANCE EQ HF H.P. NYLON
HK011	Air , N ₂ O , CO ₂ ,N ₂	MAINTENANCE EQ HF H.P. PTFE

Technical data

CODE	GAS	Q max.	P ₁ max.	P ₂	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
HR043	O ₂	9 Nm ³ /h	200 bar	4 bar	DIN-9	G1/4" M R	1,3 kg
HR043A	O ₂	9 Nm ³ /h	200 bar	4 bar	NF-F	G1/4" M R	1,3 kg
HR210	O ₂	9 Nm ³ /h	200 bar	4 bar	DIN-13	G1/4" M R	1,3 kg
HR097	N ₂ O	9 Nm ³ /h	200 bar	4 bar	NF-G	G1/4" M R	1,3 kg
HR206	N ₂ O	9 Nm ³ /h	200 bar	4 bar	NF-C	G1/4" M R	1,3 kg
HR098	Air	9 Nm ³ /h	200 bar	4 bar	DIN-13	G1/4" M R	1,3 kg
HR099	Air	9 Nm ³ /h	200 bar	4 bar	NF-D	G1/4" M R	1,3 kg
HR201	Air	9 Nm ³ /h	200 bar	4 bar	DIN-9	G1/4" M R	1,3 kg
HR100	CO ₂	9 Nm ³ /h	200 bar	4 bar	DIN-6	G1/4" M R	1,3 kg
HR101	CO ₂	9 Nm ³ /h	200 bar	4 bar	NF-C	G1/4" M R	1,3 kg
HR047	N ₂	9 Nm ³ /h	200 bar	4 bar	UNI-2	G1/4" M R	1,3 kg
HR102	N ₂	9 Nm ³ /h	200 bar	4 bar	DIN-10	G1/4" M R	1,3 kg
HR103	N ₂	9 Nm ³ /h	200 bar	4 bar	NF-C	G1/4" M R	1,3 kg

Technical Images



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