Organismo Notificato n. 0476
Notified Body nr. 0476

HF/200 pressure regulator

Product description

Two-stage pressure regulator for cylinder, suitable for use with medical gases, with two reducers in cascade to have a more stable outlet pressure and flow; is equipped with two pressure gauges to show cylinder pressure and operating pressure.The device is made up of two HF pressure reducers with chemically nickel-plated CW614N brass bodies and integrated overpressure discharge valves: the first reduces the cylinder pressure to a fixed pressure of 12 bar, the second allows the user to adjust the outlet pressure between 0.2 bar and 2 bar.The 2-stage system is designed to optimally stabilize the regulator outlet pressure and should be chosen for operating pressures lower than 2 bar and that require stable and precise dispensing.Maximum inlet pressure is 200 bar, the outlet pressure is adjustable up to 2 bar.Inlet connection is specific to the gas type, outlet connection is G1/4" M R.Its maximum capacity at 2 bar outlet pressure is 2,4 Nm³/h, 40 Nl/min.

Normatives

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

Components

N.One HF High Pressure regulator with chemically nickel-plated CW614N brass body and adjustable calibration.
N.One HF Low Pressure regulator with chemically nickel-plated CW614N brass body and adjustable calibration.
ABS adjustment knob.
N.One gas-specific inlet.
N.One G1/4" M R outlet.
N.One overpressure discharge valve, built into the pressure regulator, pre-calibrated and with drain channel, G1/4" M R.
N.One High Pressure gauge with range according to the gas used, class 2.5.
N.One Low Pressure gauge with range according to the gas used, class 2.5.
N.One sintered bronze 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.

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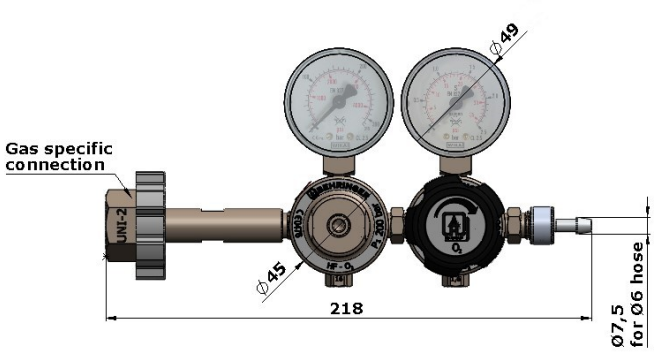
Maintenance kit

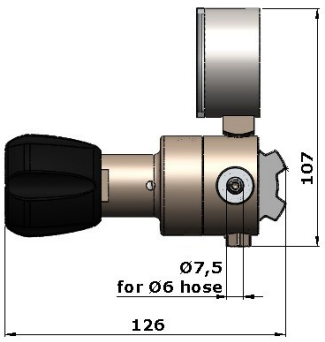
CODE	GAS	DESCRIPTION
HK010	O2	MAINTENANCE EQ HF H.P. NYLON
HK012	O2	MAINTENANCE EQ HF L.P. NYLON
HK011	Air , N_2O , CO_2 ,N_2	MAINTENANCE EQ HF H.P. PTFE
HK013	Air , N_2O , CO_2 ,N_2	MAINTENANCE EQ HF L.P. PTFE

Technical data

CODE	GAS	Q max.	P_1 max.	P_2 max.	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
HR126	O_2	2,4 Nm³/h	200 bar	2 bar	DIN-9	G1/4" M R	2,4 kg
HR127	O_2	2,4 Nm³/h	200 bar	2 bar	NF-F	G1/4" M R	2,4 kg
HR218	O_2	2,4 Nm³/h	200 bar	2 bar	DIN-13	G1/4" M R	2,4 kg
HR129	N_2O	2,4 Nm³/h	200 bar	2 bar	NF-G	G1/4" M R	2,4 kg
HR217	N_2O	2,4 Nm³/h	200 bar	2 bar	NF-C	G1/4" M R	2,4 kg
HR130	Air	2,4 Nm³/h	200 bar	2 bar	DIN-13	G1/4" M R	2,4 kg
HR131	Air	2,4 Nm³/h	200 bar	2 bar	NF-D	G1/4" M R	2,4 kg
HR215	Air	2,4 Nm³/h	200 bar	2 bar	DIN-9	G1/4" M R	2,4 kg
HR132	CO_2	2,4 Nm³/h	200 bar	2 bar	DIN-6	G1/4" M R	2,4 kg
HR133	CO_2	2,4 Nm³/h	200 bar	2 bar	NF-C	G1/4" M R	2,4 kg
HR134	N_2	2,4 Nm³/h	200 bar	2 bar	DIN-10	G1/4" M R	2,4 kg
HR135	N_2	2,4 Nm³/h	200 bar	2 bar	NF-C	G1/4" M R	2,4 kg
HR216	N_2	2,4 Nm³/h	200 bar	2 bar	UNI-2	G1/4" M R	2,4 kg

Technical Images





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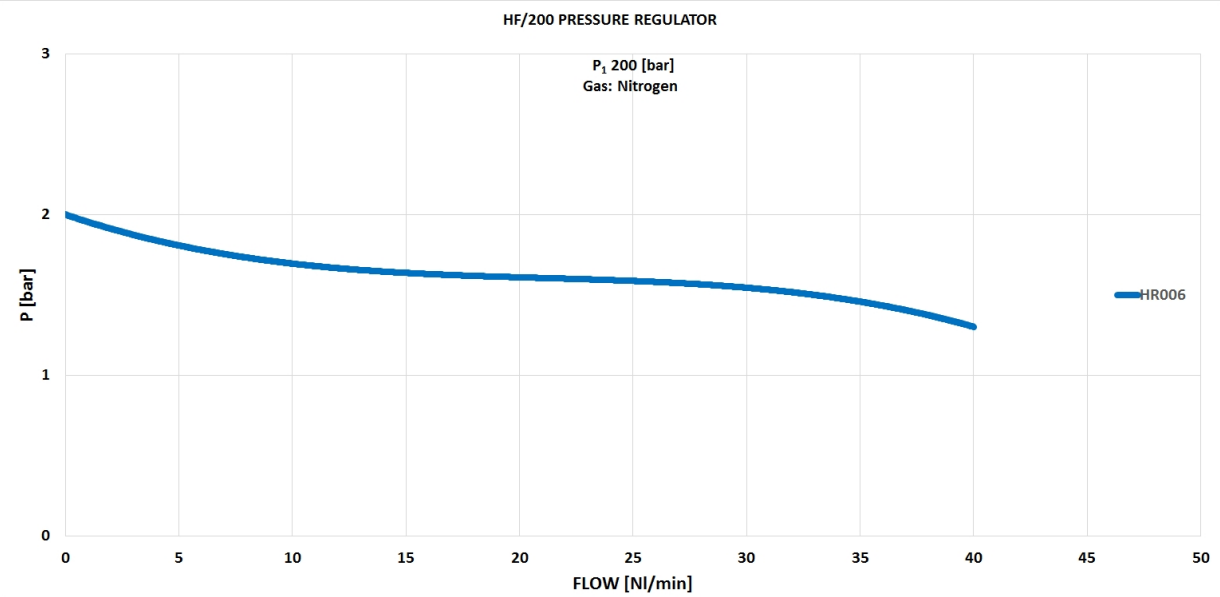

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