HF/200 pressure regulator

Product description

Two-stage pressure regulator for cylinder, suitable for use with medical gases, 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 (see table), 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 10524-1:2006 | UNI EN ISO 9001:2008 | UNI CEI EN ISO 14971:2012 | UNI CEI EN ISO 13485:2004 | UNI EN ISO 15001:2012

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.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.
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.

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Product codes

GAS	INLET CONNECTION	CODE
OXYGEN	G3/4" 'A'	HR126
OXYGEN	SI22,91x1,814 'B'	HR127
OXYGEN	G5/8" DIN 'B''B'	HR218
NITROUS OXYDE	SI26x1,5 'B'	HR129
NITROUS OXYDE	SI21,7x1,814 'A'	HR217
AIR	G5/8" DIN 'B'	HR130
AIR	W24x2" 'A'	HR131
AIR	G3/4" 'A'	HR215
CARBON DIOXIDE	W21,80x1/14" 'A'	HR132
CARBON DIOXIDE	SI21,7x1,814 'A',	HR133
NITROGEN	W24,32x1/14" 'A'	HR134
NITROGEN	SI21,7x1,814 'A'	HR135
NITROGEN	W21,7x1/14" 'A'	HR216

Technical data

CODE	Q max.	P_1 max.	P_2 max.	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
HR126	2,4 Nm³/h	200 bar	2 bar	G3/4" 'A'	G1/4" M R	1,6 kg
HR127	2,4 Nm³/h	200 bar	2 bar	SI22,91x1,814 'B'	G1/4" M R	1,6 kg
HR218	2,4 Nm³/h	200 bar	2 bar	G5/8" DIN 'B'	G1/4" M R	1,6 kg
HR129	2,4 Nm³/h	200 bar	2 bar	SI26x1,5 'B'	G1/4" M R	1,6 kg
HR217	2,4 Nm³/h	200 bar	2 bar	SI21,7x1,814 'A'	G1/4" M R	1,6 kg
HR130	2,4 Nm³/h	200 bar	2 bar	G5/8" DIN 'B'	G1/4" M R	1,6 kg
HR131	2,4 Nm³/h	200 bar	2 bar	W24x2" 'A'	G1/4" M R	1,6 kg
HR215	2,4 Nm³/h	200 bar	2 bar	G3/4" 'A'	G1/4" M R	1,6 kg
HR132	2,4 Nm³/h	200 bar	2 bar	W21,80x1/14" 'A'	G1/4" M R	1,6 kg
HR133	2,4 Nm³/h	200 bar	2 bar	SI21,7x1,814 'A',	G1/4" M R	1,6 kg
HR134	2,4 Nm³/h	200 bar	2 bar	W24,32x1/14" 'A'	G1/4" M R	1,6 kg
HR135	2,4 Nm³/h	200 bar	2 bar	SI21,7x1,814 'A'	G1/4" M R	1,6 kg
HR216	2,4 Nm³/h	200 bar	2 bar	W21,7x1/14" 'A'	G1/4" M R	1,6 kg

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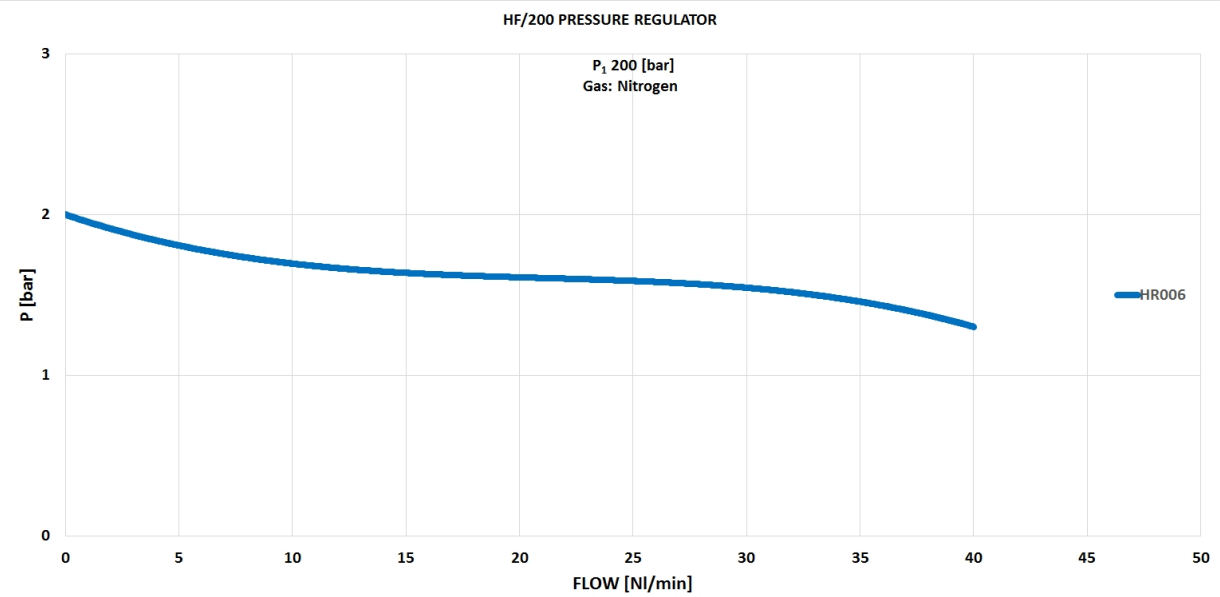
Technical Images



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