

HZRP30

Precision regulator G1/4

High precision pressure control, provided by multi-membrane construction.
Sensitivity $\leq 0,2\%$ of full-scale pressure (F.S.)
Suitable for applications requiring high precise pressure control such as balancing and tensioning systems.
Standard supplied with L- bracket and panel mounting nut.



TECHNICAL CHARACTERISTICS

Ambient temperature	-5 ÷ +60 °C
Fluid	compressed dry air, filtered and oil free
Working pressure	Max 10 bar
Connections	G1/4
Flow rate	1200 NI/min
Adjustment range	0,05 ÷ 2 bar
	0,05 ÷ 4 bar
	0,05 ÷ 8 bar
Sensitivity	$\leq 0,2\%$ (F.S.)
Repeatability	$\leq 0,5\%$ (F.S.)
Total air consumption	≤ 3 NI/min (at 7 bar) ≤ 4 NI/min (a 10 bar)
Pressure gauge connection	R1/8
Weight	Regulator 310 g
	L-Bracket 32 g

(F.S.) = Full-scale

CONSTRUCTIVE CHARACTERISTICS

Body	aluminum
Membrane	nitrile rubber (NBR)
Valve	stainless steel/brass

CODIFICATION KEY

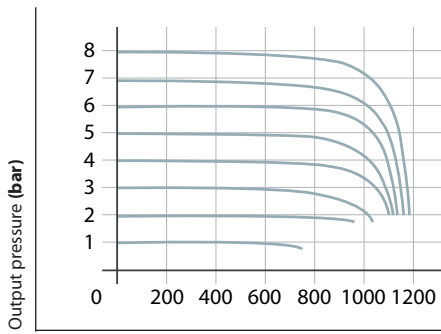
H	Z	R	P	3	0	0	8	G	A
1				2			3		

1 Series	2 Connection	3 Adjusting Field
HZRP30 = Precision regulator G1/4 (L-Bracket standard supplied)	08G = G1/4	A = 0,05 ÷ 2 bar B = 0,05 ÷ 4 bar C = 0,05 ÷ 8 bar

Flow rate characteristics

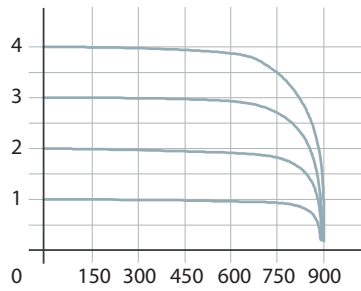
HZRP3008GC

Inlet Pressure at 10 bar



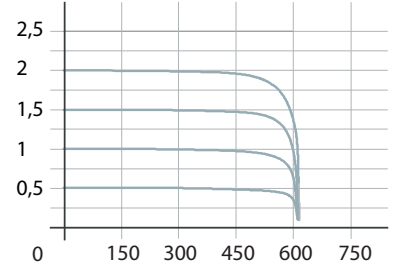
HZRP3008GB

Inlet Pressure at 6,3 bar



HZRP3008GA

Inlet Pressure at 4 bar

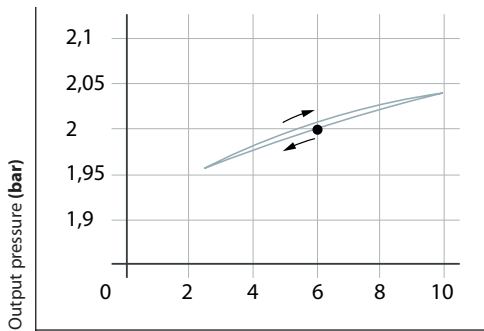


Flow rate (NI/min)

Pressure characteristics

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Output Pressure at 2 bar



Inlet pressure (bar)

4

