

HZRP30

Precision regulator G1/4

High precision pressure control, provided by multi-membrane construction.
Sensitivity ≤ 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	≤ 0,2% (F.S.)
Repeatability	≤ 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

Subject to change

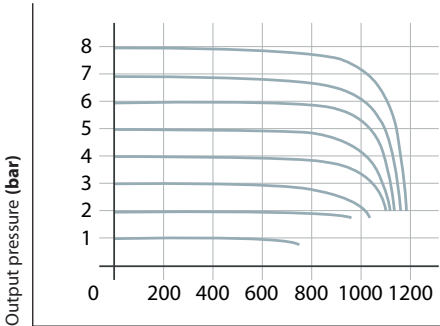
REGULATORS 4.2

1

Flow rate characteristics

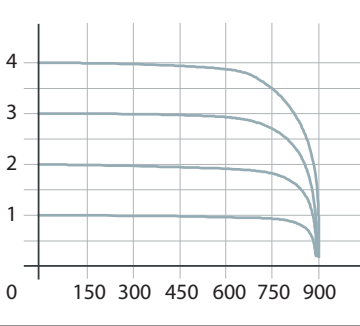
HZRP3008GC

Inlet Pressure at 10 bar



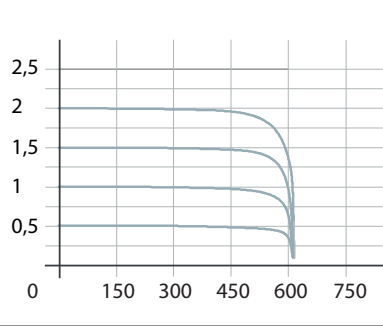
HZRP3008GB

Inlet Pressure at 6,3 bar



HZRP3008GA

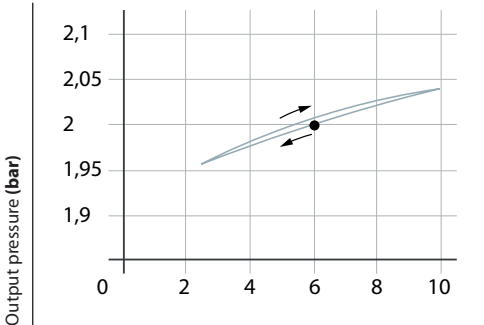
Inlet Pressure at 4 bar



Pressure characteristics

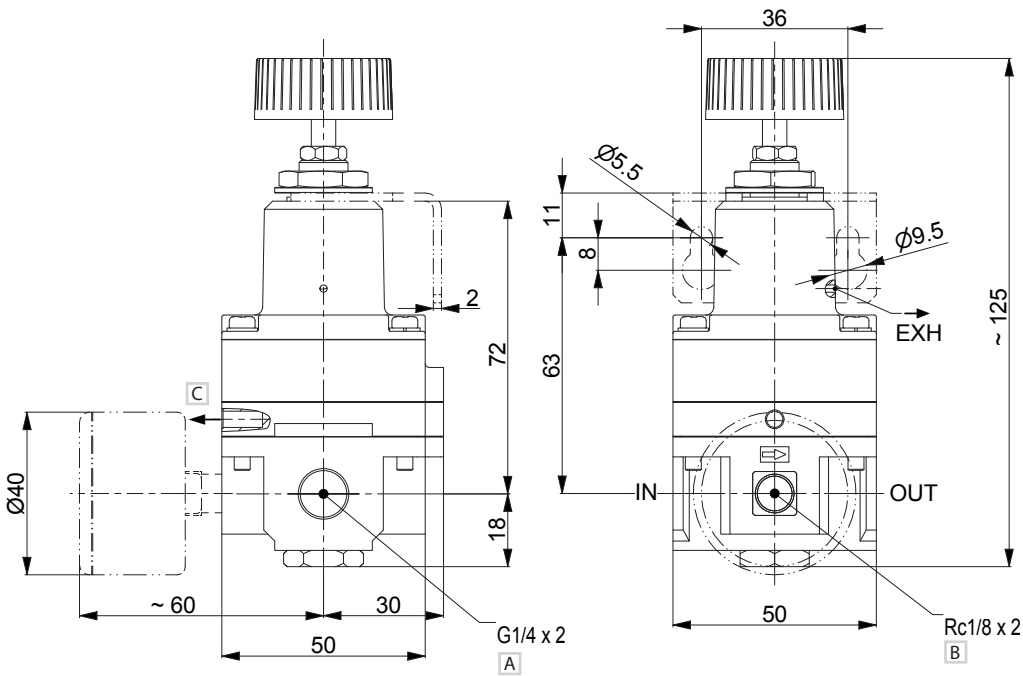
HZRP3008GC

Output Pressure at 2 bar

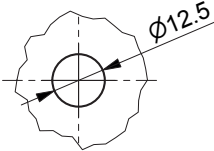


4

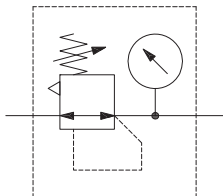
HZRP3008GA/B/C



Panel mounting hole
Panel thickness: Max 4 mm



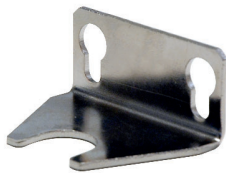
- A Threaded Port
- B Gauge Connection Port
- C Exhaust



L- Bracket

HZ9P Pressure gauge

HZ9N Digital pressure switch



Standard supplied

Connection R1/8
(to be ordered separately)

Connection R1/8
(to be ordered separately)

Subject to change