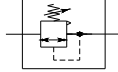


AIR/GAS LINE REGULATORS

HIGH PRESSURE SERIES - HPR

SERVICE - COMPRESSED AIR AND GASES



Airmatic



Condition of use

Max. Supply Pressure	45 Kg/cm ²
Max. Op. Temp.	70°C

Accessories & Options

	SUFFIX
Round Knob	RK
Mounting Bracket	BC (1/2") / BD (3/4")
Panel Mounting Round Knob	PRK
Viton Diaphragm	VD

Reduced Pressure Range

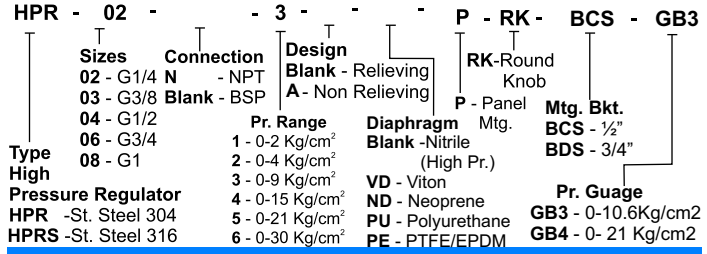
Available in three range reduced pressure Suffix. * 3 - for 0-9 kg/cm²
 4 - for 0-15 kg/cm²
 5 - for 0-21 kg/cm²
 6 - for 0-30 kg/cm²

* Unless otherwise specified. 0-9 kg/cm² (0-125) will be supplied.

Service Kit

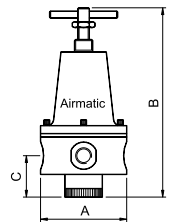
		G1/4 - G1/2		G3/4 - G1	
		SS304	SS316	SS304	SS316
Service Kit	Relieving	HPR - OR	HPRS-OR	HPRB-OR	HPRSB-OR
	Non Relieving	HPR - ONR	HPRS-ONR	HPRB-ONR	HPRSB-ONR
Stem Assy.		HPR - 04	HPRS-04	HPRB-04	HPRSB-04
Diaphragm Assy. Kit	Relieving	HPR - 05R	HPRS-05R	HPRB-05R	HPRSB-05R
	Non Relieving	HPR - 05NR	HPRS-05NR	HPRB-05NR	HPRSB-05NR

Model Ordering Code Instruction



Dimensions & Weights

Dimensions	SIZES	
	G1/4 - G1/2	G3/4 - G1
A	76	90
B	165	186
C	32	42
Weight in Kgs.	1.750	2.900



ALL DIMENSIONS ARE IN MM.

Shah Pneumatics

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 E-mail : shahpneu@bom3.vsnl.net.in
 Website : www.shah-pneumatics.com

Application

Airmatic High Pressure regulators are designed for the most rigorous general purpose applications. Designed for Gas, Oil, Water and Air service. Having St. Steel body and Buna-N Diaphragm.

Technical Data

Material specification

Body / Spring Cage / Disc	St. Steel 304 Optional 316
Diaphragm	Nylon Impregnated Buna-N (Standard) *
Seat	Nitrile Optional Viton
Spring	Spring Steel Zn Plated
Pressure Valve	St. Steel(SS304, SS316)

*Optional Viton

Standard Features

Outlet Pressure Range	0 - 9 Kg/cm ²
Type	Diaphragm / Relieving Type
Gauge Port	G1/4

Ordering Reference

SIZES	MODELS (SS304)	
	Relieving	Non Relieving
G1/4	HPR - 023	HPR - 023A
G3/8	HPR - 033	HPR - 033A
G1/2	HPR - 043	HPR - 043A
G3/4	HPR - 063	HPR - 063A
G1	HPR - 083	HPR - 083A

* Standard Range 0 - 9Kg/cm²

Features

- Rugged st. steel construction
- Small downstream pressure variation, irrespective of flow demand, upto the max. Innumarated capacity.
- A tight closure when there is no demand.
- Negligible variation of the downstream pressure due to variations in the upstream pressure.
- Renewable seating (in st. Steel)
- Easy maintenance.
- Full Flow gauge port.

Pressure Drop Curve

