

# AIR PRESSURE REGULATOR - VAYU™ MINIATURE

**SHAVO**  
FIRST NAME IN PNEUMATICS

## SR10 (G 1/8, G 1/4)

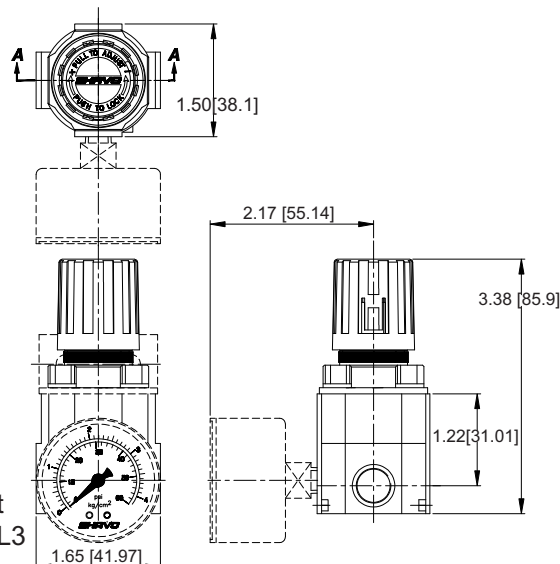
### FEATURES

- I Shavo's VAYU™ Miniature Series Pressure Regulator Diaphragm operated.
- I Non-rising adjusting knob with "Snap-Action Lock" for locking positively the pressure setting.
- I Plastic bonnet threaded for panel mounting. Aluminium Pressure Die Cast Body. Powder-coated for longer life.



PARAMETERS	SPECIFICATIONS	
Pipe Threads	G 1/8, 1/4 Parallel (F)	- Standard
	BSPT. / NPT	- Optional
Type	Relieving diaphragm	- Standard
	Non-Relieving diaphragm	- Optional
Body Material	Aluminium Alloy die-cast	
Adjustment	Non-rising plastic knob	
Maximum Inlet Pressure	300 psig (20 bar)	
Max. Operating Temp. (ambient)	80° C	
Regulated secondary outlet pressure (spring range) and recommended Pressure gauge ranges available in psi (bar).	Spring Range	Gauge Range
	1-10 psi (0.07 - 0.7 bar)	0-30 psi (0 to 2.5 bar)
	3-30 psi (0.21 - 2.10 bar)	0-30 psi (0 to 2.5 bar)
	5-50 psi (0.35 - 3.50 bar)	0-60 psi (0 to 4.0 bar)
	10-100 psi (0.70 - 7.0 bar)	0-150 psi (0 to 10.0 bar)
	15-150 psi (1.00 - 10.0 bar)	0-220 psi (0 to 16.0 bar)
Gauge size	40 mm dial size	
Gauge Port size	Rc 1/8 BSPT.	
Gauge connection	Back	
Standard Nominal Flow rate at 10 bar (150 PSI)	G 1/8	: 19 scfm (8.9 dm <sup>3</sup> /sec) CV(0.35)
Inlet pressure 6 bar (87 PSI) set pressure and a drop of 1 bar (14.5 PSI) from set	G 1/4	: 21 scfm (9.9 dm <sup>3</sup> /sec) CV(0.39)
Mounting Bracket	Optional	
Panel mounting	Available as Standard	

Pressure Gauge (scale) : Kg/cm<sup>2</sup> (PSI) - Standard (For Domestic Market)  
Bar (PSI) - Standard (Export)



Note : Pressure gauge will not have the CE, EAC & SIL3 approval.

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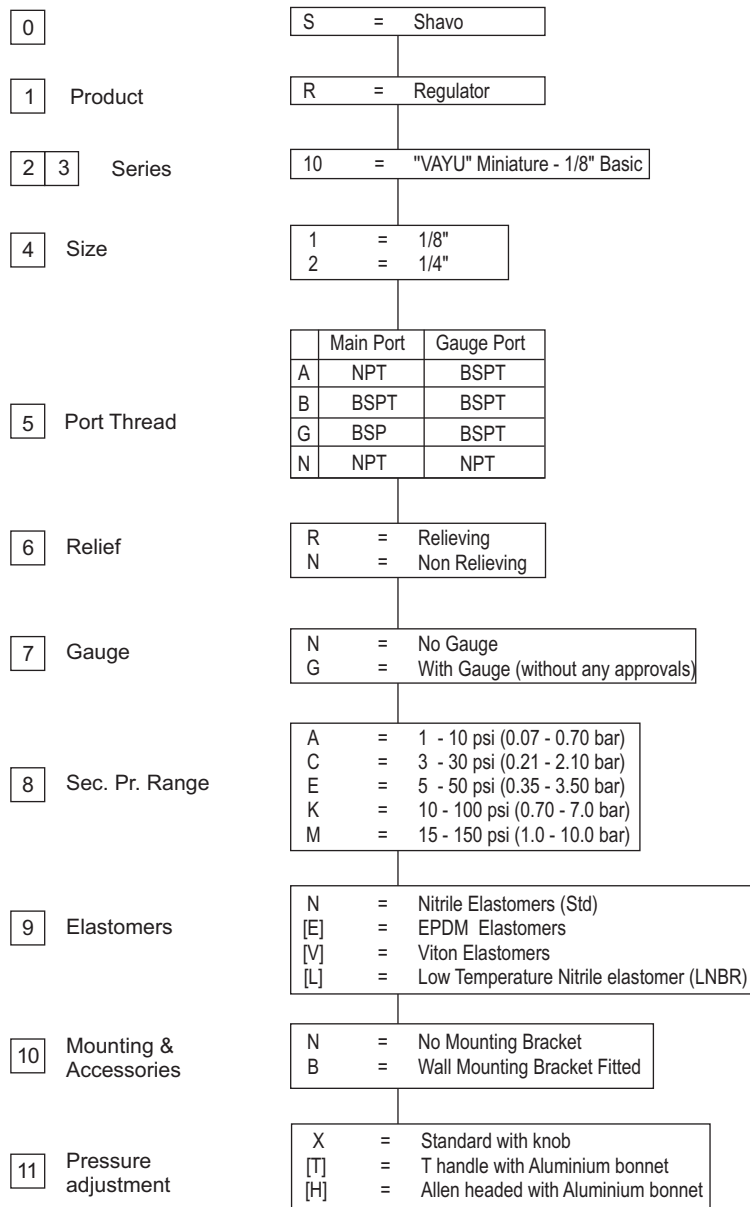
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Size	Flow (dm <sup>3</sup> /s)	Range	Operation	Model
G 1/8	19 scfm (8.9 dm <sup>3</sup> /sec)	10 -100 psi	Relieving	SR10-1G-RNK-NN
G 1/4	21 scfm (9.9 dm <sup>3</sup> /sec)	10 -100 psi	Relieving	SR10-2G-RNK-NN

### Option Selector

Sample Model Number → **S R 1 0 - 2 G - R N M - N N - X - X X X - X X X**

Position → **0 1 2 3 - 4 5 - 6 7 8 - 9 10 - 11 - 12 13 14 - 15 16 17**



SR10 (G 1/8, G 1/4)

12 13 14 Test / Approval

C	0	0	CE
C	0	1	UKCA
C	0	2	CE, UKCA
E	0	0	EAC
E	0	1	EAC, UKCA
S	0	0	SIL3
S	0	1	SIL3, UKCA
G	0	0	CE, EAC
G	0	1	CE, EAC, UKCA
H	0	0	CE, SIL3
H	0	1	CE, SIL3, UKCA
K	0	0	CE, EAC, SIL3
K	0	1	CE, EAC, SIL3, UKCA
X	X	X	Standard Units Without Any Certificatio / Approval
[0]	[0]	[0]	Other Customer Special Requirement if Any

15 16 17 Compliance

X	X	X	Standard Unit Without any Compliance
A	0	1	RoHS 3 Compliance
A	0	2	REACH Compliance
A	0	3	Copper Free (Only Applicable Aluminium Version)
A	0	4	RoHS3, REACH Compliance
A	0	5	RoHS3, REACH, Copper Free (Only Applicable for Aluminium Version)
A	0	6	RoHS3, Copper Free (Only Applicable for Aluminium Version)
A	0	7	REACH, Copper Free (Only Applicable for Aluminium Version)

Note: Option shown in the [ ] bracket are special, Please contact Sales HQ/Manufacturing.  
Panel mounting nut is standard on all SR10 units.