

AIR PRESSURE REGULATOR - LARGE

SHAVO
FIRST NAME IN PNEUMATICS

SR17 (G1, G 1¼ G 1½)

FEATURES

- I Shavo's Designer Series Large Flow Range Pressure Regulator Diaphragm operated reduce the system pressure to a desired level and maintain it at a constant level despite change in inlet pressure and changes in downstream flow requirements.



PARAMETERS	SPECIFICATIONS	
Pipe Threads	G 1, 1¼, 1½ Parallel (F) BSPT / NPT	
Type	Relieving	- Standard
	Non-Relieving	- Optional
Body Material	Al. Alloy die-cast	
Adjustment	Non-rising plastic knob	- Standard
	Metal "T" Handle	- Optional
Maximum Inlet Pressure	300 psig (20 bar)	
Max . Operating Temp. (ambient)	175° F (80°C)	
Regulated secondary outlet pressure (spring range) and recommended Pressure gauge ranges available in psi (bar)	Spring Range	Gauge Range
	3-30 psi (0.21 to 2.1 bar)	0-35 psi (0 to 2.5 bar)
	5-50 psi (0.35 to 3.50 bar)	0-60 psi (0 to 4 bar)
	12-125 psi (0.87 to 8.75 bar)	0-150 psi (0 to 10 bar)
	15-150 psi (1.0 to 10.00 bar)	0-220 psi (0 to 16 bar)
	25-250 psi (1.75 to 17.50 bar)	0-300 psi (0 to 20 bar)
Gauge size	50 mm (dial size)	
Gauge Port size	Rc 1/4 BSPT.	
Gauge connection	Back	
Standard Nominal Flow rate at 10 bar(150 PSI) Inlet pressure 6 bar(87 PSI) set pressure and a drop of 1 bar (14.5 PSI) from set	560 scfm (264 dm³ / sec) CV(10.56)	
Panel Mounting	Possible - Optional	

Pressure Gauge (scale) : Kg/cm² (PSI) - Standard (For Domestic Market)
Bar (PSI) - Standard (Export)

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

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Size	Flow	Range	Operation	Model
G 1	560 scfm (264 dm³/sec)	12-125 psi	Relieving	SR17-800-RNLC
G 1 ½	560 scfm (264 dm³/sec)	12-125 psi	Relieving	SR17-B00-RNLC

Option Selector

Sample Model Number → **S R 1 7 - 8 0 0 - R N L C - 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**

0 → S = Shavo

1 Unit → R = Air Pressure Regulator

2 3 Series → 17 = Large Series

4 Pipe Size → 8 = 1" NB
A = 1¼" NB
B = 1½" NB

5 6 Mounting → 00 = Plastic Knob type
01 = T' Handle

7 Diaphragm → R = Relieving
N = Non-Relieving

8 Gauge → N = No Gauge
G = with Pressure Gauge(without any certifications)

9 Secondary Pressure Rating → C = 3-30 psi (0.21 - 2.1 bar)
E = 5-50 psi (0.35 - 3.5 bar)
L = 12-125 psi (0.87 - 8.75 bar)
M = 15-150 psi (1.0 - 10.0 bar)
[S] = 17-175 psi (1.7 - 17.5 bar)(only available with T handle)

10 Threading → A = NPT
B = BSPT
C = BSP Parallel

11 Elastomer → X = Standard unit with Nitrile elastomer
[E] = EPDM
[V] = Fluorocarbon (Viton)
[L] = Low temperature Nitrile (LNBR)

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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 Certificatios / Approval
[O]	[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.

* Technical know-how, design and drawings originally from C.A. Norgren Co. USA