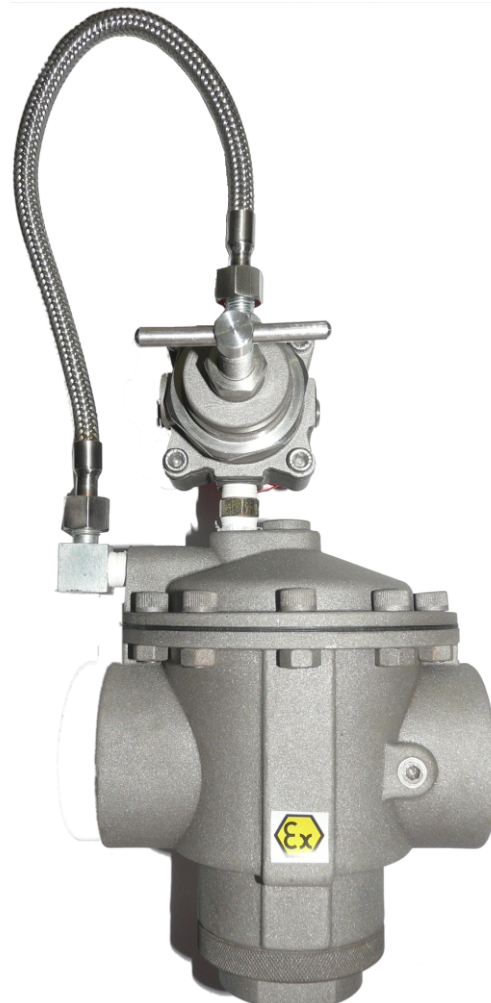


SR57 (G 1½, G2)

Features

- Shavo's' Pilot operated 'Slave Pressure Regulator can be installed at any pilot in the compressed air system without regard to accessibility ensuring accurate pressure regulation over a wide range of air flows upto 2000 cfm.
- Conventional or Feedback Pilot Regulators to operate the 'Slave regulator can be installed in the most conventional location.
- SIL3 capable as per IEC 61508.
- CE, ATEX, EAC[CU TR10(equivalent to GOST R&K)] approved.
- All External parts are NACE MR-0175* approved.

(*National Association of Corrosion Engineers MR-0175 defines requirements for sulphide stress cracking resistant materials used in oilwells and other corrosive environments.)



PARAMETERS	SPECIFICATIONS
Fluid	Compressed Air
Pipe Sizes	1½", 2"
Port Thread	BSP - Standard BSPT, Optional
Max. Inlet Pressure	30 bar (435 psi)
Max. Operating Temp. (Ambient)	+80° C
Material of Construction	Stainless Steel as per AISI 316L
Body, Bonnet	SS 316L with NACE compliance (MR 0175)
Internal parts	SS 316L/ SS 304
External parts	SS 316L with NACE compliance (MR 0175)
Diaphragm Assembly	Synthetic Rubber without PTFE - Standard
Elastomers	Low Temp. Nitrile (LNBR) -60°C to +80°C(Std) EPDM -35°C to +120°C Fluorocarbon (Viton-FKM) -20°C to +180°C
Standard Nominal Flow Rate at 10 bar (150psi) inlet pressure 6 bar (87 psi) set pr. and a drop of 1 bar(14.5 psi) from set	1½" - 1415 scfm (668 dm³/sec) 2" - 1890 scfm (891 dm³/sec)
CV Value	1½" - (26.69) 2" - (35.66)
Type	Relieving - Std Non-Relieving - Optional
Pressure Adjustment	With the help of a Pilot Regulator Standard or Feedback
Gauge Port (2 nos.)	1/4" BSPT (Fe) - Std. 1/4" NPT (Fe) - Optional

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

Note :

- 1) Pressure gauge will be SS 2" dia 1/4" BC but will not be to NACE specification.
- 2) Pressure gauge will not have CE, EAC, SIL3 and NACE MR 0175 approval.
- 3) PM nut, mounting bracket, grub screw will not have NACE MR 0175 approval.

Size	Flow	Range (psi)	Operation	Model
1½" NPT	1415 scfm (668 dm³/sec)	0 - 8.75KG/CM2	Relieving	SR57-BA-01X
2" NPT	1890 scfm (891 dm³/sec)	0 - 8.75KG/CM2	Relieving	SR57-CA-01X

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Option Selector

Sample Model Number → **S R 5 7 - C G - 0 1 X - R 3 7 - M - 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 18**

0 S = Shavo

1 Product R = Pilot Operated SS Regulator

2 3 Series 57 = 2" Basic High Flow

4 Port Size
 B = 1½
 C = 2"

5 Port Thread

	Main Port	Gauge Port
A	NPT	BSPT
B	BSPT	BSPT
G	BSP	BSPT
N	NPT	NPT

6 7

	Low Temp. Nitrile Elastomer		EPDM Elastomer		VITON Elastomer	
	Rel	Non Rel	Rel	Non Rel	Rel	Non Rel
No Gauge	04	14	01	11	[02]	[12]
With Pressure Gauge (ATEX approved)	25	35	22	32	[23]	[33]

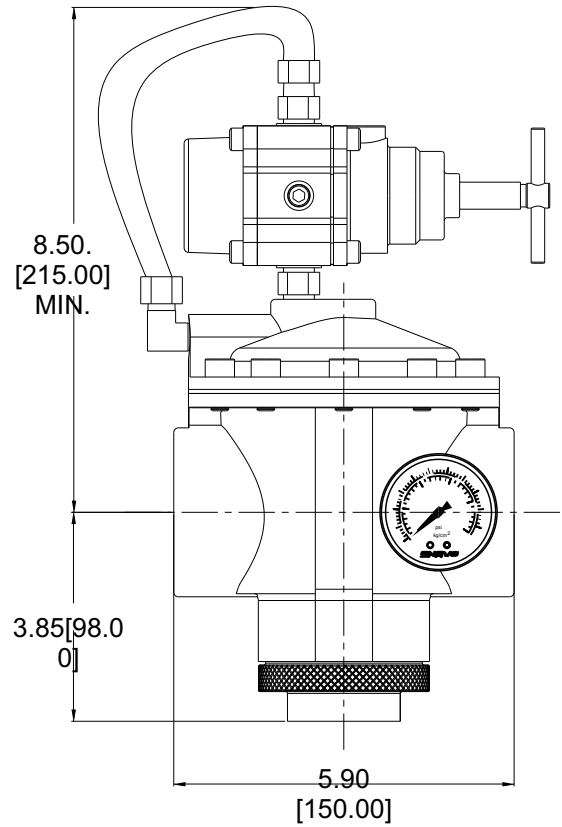
8 X = Standard (No Spring)

PILOT REGULATOR DETAILS

9 10 11
 R27 = Conventional Pilot model SR27 1/4"
 R37 = Conventional Pilot model SR37 1/4" (Std.)
 R77 = Conventional Pilot model SR77 1/4"
 11-4SNR(SS) = Conventional Pilot 11-4SNR (hex headed)

12 Spring Range Pilot Regulator

[A]	= 0.07 to 0.70 bar (1.0 - 10 psi)
C	= 0.21 to 2.10 bar (3.0 - 30 psi)
E	= 0.35 to 3.50 bar (5.0 - 50 psi)
F	= 0.40 to 4.00 bar (6.0 - 60 psi)
K	= 0.70 to 7.00 bar (10.0 - 100 psi)
L	= 0.86 to 8.60 bar (12.5 - 125 psi)
M	= 1.00 to 10.0 bar (15.0 - 150 psi)
*[S]	= 1.75 to 17.5 bar (25.0 - 250 psi)



SR57 (G 1½, G2)

13 14 15 Test / Approval

A	0	0	ATEX
A	0	1	UKEX
A	0	2	UKCA
A	0	3	ATEX, UKEX, EAC Ex, UKCA
A	0	4	ATEX, UKEX, EAC Ex
A	0	5	ATEX, UKEX, UKCA
A	0	6	ATEX, UKEX, EAC Ex
B	0	0	ATEX, CE
B	0	1	ATEX, CE, UKEX, EAC Ex, UKCA
B	0	2	ATEX, CE, UKEX, EAC Ex
B	0	3	ATEX, CE, UKEX, UKCA
B	0	4	ATEX, CE, UKCA, EAC Ex
B	0	5	ATEX, CE, EAC Ex
C	0	0	CE
C	0	1	CE, UKEX, EAC Ex, UKCA
C	0	2	CE, UKEX, EAC Ex
C	0	3	CE, UKEX, UKCA
C	0	4	CE, EAC Ex, UKCA
C	0	5	CE, EAC Ex
D	0	0	ATEX, EAC
D	0	1	ATEX, EAC, UKEX, EAC Ex, UKCA
D	0	2	ATEX, EAC, UKEX, EAC Ex
D	0	3	ATEX, EAC, UKEX, UKCA
D	0	4	ATEX, EAC, EAC Ex, UKCA
E	0	0	EAC
E	0	1	EAC, UKEX, EAC Ex, UKCA
E	0	2	EAC, UKEX, EAC Ex
E	0	3	EAC, UKEX, UKCA
E	0	4	EAC, EAC Ex, UKCA
F	0	0	ATEX, SIL3
F	0	1	ATEX, SIL3, UKEX, EAC Ex, UKCA
F	0	2	ATEX, SIL3, UKEX, EAC Ex
F	0	3	ATEX, SIL3, UKEX, UKCA
F	0	4	ATEX, SIL3, EAC Ex, UKCA
F	0	5	ATEX, SIL3, EAC Ex
G	0	0	CE, EAC
G	0	1	CE, EAC, UKEX, EAC Ex, UKCA
G	0	2	CE, EAC, UKEX, EAC Ex
G	0	3	CE, EAC, UKEX, UKCA
G	0	4	CE, EAC, EAC Ex, UKCA
H	0	0	CE, SIL3
H	0	1	CE, SIL3, UKEX, EAC Ex, UKCA
H	0	2	CE, SIL3, UKEX, EAC Ex
H	0	3	CE, SIL3, UKEX, UKCA
H	0	4	CE, SIL3, EAC Ex, UKCA
H	0	5	CE, SIL3, EAC Ex
J	0	0	EAC, SIL3
J	0	1	EAC, SIL3, UKEX, EAC Ex, UKCA
J	0	2	EAC, SIL3, UKEX, EAC Ex
J	0	3	EAC, SIL3, UKEX, UKCA
J	0	4	EAC, SIL3, EAC Ex, UKCA
K	0	0	CE, EAC, SIL3

SR57 (G 1½, G2)

K	0	1	CE, EAC, SIL3, UKEX, EAC Ex, UKCA
K	0	2	CE, EAC, SIL3, UKEX, UKCA
K	0	3	CE, EAC, SIL3, UKEX, EAC Ex
K	0	4	CE, EAC, SIL3, EAC Ex, UKCA
L	0	0	ATEX, EAC, SIL3
L	0	1	ATEX, EAC, SIL3, UKEX, EAC Ex, UKCA
L	0	2	ATEX, EAC, SIL3, UKEX, EAC Ex
L	0	3	ATEX, EAC, SIL3, UKEX, UKCA
L	0	4	ATEX, EAC, SIL3, EAC Ex, UKCA
M	0	0	ATEX, CE, SIL3
M	0	1	ATEX, CE, SIL3, UKEX, EAC Ex, UKCA
M	0	2	ATEX, CE, SIL3, UKEX, EAC Ex
M	0	3	ATEX, CE, SIL3, UKEX, UKCA
M	0	4	ATEX, CE, SIL3, EAC Ex, UKCA
N	0	0	ATEX, CE, EAC
N	0	1	ATEX, CE, EAC, UKEX, EAC Ex, UKCA
N	0	2	ATEX, CE, EAC, UKEX, EAC Ex
N	0	3	ATEX, CE, EAC, UKEX, UKCA
N	0	4	ATEX, CE, EAC, EAC Ex, UKCA
[O]	[0]	[0]	Other customer special requirement if Any
P	0	0	ATEX, CE, EAC, SIL3
P	0	1	ATEX, CE, EAC, SIL3, UKEX, EAC Ex, UKCA
P	0	2	ATEX, CE, EAC, SIL3, UKEX, EAC Ex
P	0	3	ATEX, CE, EAC, SIL3, UKEX, UKCA
P	0	4	ATEX, CE, EAC, SIL3, EAC Ex, UKCA
Q	0	0	ATEX, EAC Ex
R	0	0	EAC Ex
R	0	1	EAC Ex, UKEX, UKCA
R	0	2	EAC Ex, UKCA
S	0	0	SIL3
S	0	1	SIL3, UKEX, EAC Ex, UKCA
S	0	2	SIL3, UKEX, EAC Ex
S	0	3	SIL3, UKEX, UKCA
S	0	4	SIL3, EAC Ex, UKCA
V	0	0	ATEX, CE, SIL3, EAC Ex
V	0	1	ATEX, CE, SIL3, EAC Ex, UKEX, UKCA
V	0	2	ATEX, CE, SIL3, EAC Ex, UKEX
V	0	3	ATEX, CE, SIL3, EAC Ex, UKCA
X	X	X	STANDARD UNITS WITHOUT ANY CERTIFICATE / APPROVAL
Y	0	0	ATEX, SIL3, EACEx
y	0	1	ATEX, SIL3, EACEx, UKEX, UKCA
Y	0	2	ATEX, SIL3, EAC Ex, UKEX
Y	0	3	ATEX, SIL3, EACEx, UKCA
Z	0	1	CE, SIL3, EAC Ex, UKEX, UKCA
Z	0	2	CE, SIL3, EAC Ex, UKEX
Z	0	3	CE, SIL3, EAC Ex, UKCA

SR57 (G 1½, G2)

16 17 18 Compliance

X	X	X	Standard Unit Without any Complinance
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.

* [S] option available with Hex headed pressure adjustment only.