

AIR PRESSURE REGULATOR - CITATION SERIES

SHAVO
FIRST NAME IN PNEUMATICS

SRO2 (G¹/₄, G³/₈, G¹/₂, G³/₄)

FEATURES

- Shavo's foremost utility Piston Type Regulator - Citation Series - offers easy adjustment of the non- rising knob through the entire range of pressure (less than two inch pounds constant torque).
- Rapid response.
- High flow capacity



PARAMETERS	SPECIFICATIONS			
Pipe Threads	Rc 1/4, 3/8, 1/2, 3/4	Taper (F)	-	Standard
	BSP / NPT		-	Optional
Type	Relieving Piston		-	Standard
	Non-Relieving Piston		-	Optional
Body Material	Al. Alloy die-cast			
Adjustment	Non-rising plastic knob		-	Standard
	Metal "T" Handle		-	Optional
Maximum Inlet Pressure	400 psig (28 bar)			
Max. Operating Temperature (ambient)	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 - 2.1bar)		0-35 psi (0 - 2.5 bar)	
	5-50 psi (0.35 - 3.50 bar)		0-60 psi (0 - 4.0 bar)	
	10-100 psi (0.70 - 7.00 bar)		0-150 psi (0 - 10.0 bar)	
	15-150 psi(1.0 to 10.00 bar)		0-220 psi (0 - 16.0 bar)	
	25-250 psi (1.75 to 17.50 bar)		0-300 psi (0 - 20.0 bar)	
Gauge size	50 mm (dial size)			
Gauge Port size	Rc 1/4 BSPT _r .			
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	Rc 1/4	:	135 scfm (63.45 dm³/sec)	CV(2.55)
	Rc 3/8	:	150 scfm (70.5 dm³/sec)	CV(2.80)
	Rc ½	:	215 scfm (101 dm³/sec)	CV(4.0)
	Rc 3/4	:	255 scfm (120 dm³/sec)	CV(4.80)
Mounting Facility	Optional			
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.

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

SHAVO

Mumbai, India.

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Option Selector

Sample Model Number → **S R O 2 - 2 0 0 - R G K B - 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		R	=	Regulator
2 3	Series	02	=	Citation Series
4	Pipe Size	2 3 4 6	=	1/4" 3/8" 1/2" 3/4"
5 6	Mounting	00 21 01 22	=	Standard P.M. Type Metal 'T' handle Metal 'T' handle & P.M. Type
7	Diaphragm	R N	=	Relieving Non Relieving
8	Gauge	N G	=	Without gauge with gauge (without any certification)
9	Secondary Pressure Rating	C E K M *[S]	=	3 - 30 psi (0.21 - 2.1 bar) 5 - 50 psi (0.35 - 3.5 bar) 10 - 100 psi (0.7 - 7.0 bar) 15 - 150 psi (1.0 - 10.0 bar) 25 - 250 psi (1.7 - 17.5 bar)[only available with T handle]
10	Threading	B A C	=	BSPT NPT BSP Parallel
11	Elastomer	X [E] [V] [L]	=	Standard with Nitrile elastomer EPDM Fluorocarbon (Viton) 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.

* [] Only available with T-Handle.

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