

FILTER REGULATOR MODEL SB15 BROCHURE



Filter Regulator Model SB15

FEATURES

Compact range Filter/ Regulator combination unit is an efficient space saving design for general applications in compressed air systems where effective contamination filtration, liquid water removal and controlled pressure is required.



Filter Regulator Model SB15

PARAMETERS	SPECIFICATIONS	
Pipe Threads	G 1/4, 3/8 Parallel - Standard BSPT _r / NPT - Optional	
Body Material	Al. Alloy die-cast	
Filter Element Size	5, 25, 40 micron	
Filter Element Material	Plastic (Polypropylene) - Standard Sintered Bronze - Optional	
Filter Bowl Material	Transparent Polycarbonate with bowl guard - Standard Aluminium Alloy Metal - Optional	
Maximum intel Pressure	Transparent Polycarbonate with bowl guard - Standard Aluminium Alloy Metal - Optional	
Maximum intel Pressure	with PC Bowl (Manual/auto/semi-auto drain : 150 psig (10.5 bar) with Metal Bowl (Manual drain) : 250 psig (17.5 bar) with Metal Bowl (Auto/Semi-automatic drain): 150 psig (10.5 bar)	
Maximum Operating Temperature (ambient)	with PC Bowl : 500 C (1250 F) with Metal Bowl : 800 C (1750 F)	
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	1/4 : 50 scfm (23.5 dm ³ /sec) CV(0.94) 3/8 : 55 scfm (25.85 dm ³ /sec) CV(1.00)	
Drain	Manual - Standard Automatic - Optional	
Regulator Type	Relieving - Standard Non - Relieving - Optional	
Pressure Adjustment	Non-rising plastic knob - Standard	
Regulated secondary outlet pressure (Spring range) and recommended Pressure gauge range available psi / bar	Spring Range	Gauge Range
	6 - 60 psi (0.40 - 4.0 bar)	0 - 60 psi (0 - 4 bar)
	12 - 125 psi (0.87 - 8.75 bar)	0 - 150 psi (0 - 10 bar)
	15 - 150 psi (1.0 - 10.0 bar)	0 - 220 psi (0 - 16 bar)
Gauge size	40 mm (dial size)	
Gauge Port size	Rc 1/8	
Gauge connection	Back	
Mounting Bracket	Optional	
Panel Mounting	Standard - Available	

+ Values indicated are with 40 micron elements, with finer elements these values will be lesser.

Note : Pressure gauge will not have CE,EAC, SIL3 approval
Automatic/Semiautomatic drain available with Nitrile elastomers only.

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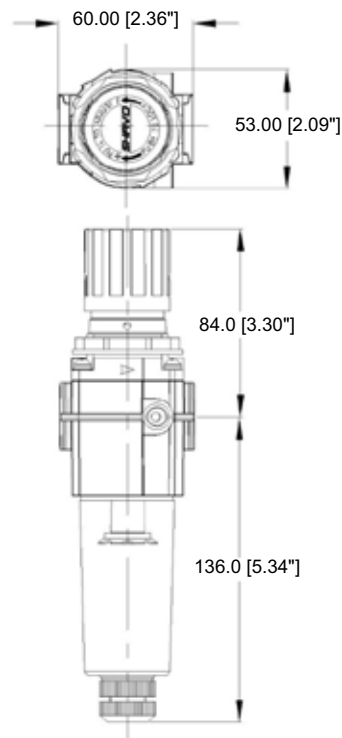
SB 15 (G 1/4 , G 3/8)

Size	Flow (dm³/s)	Element (um)	Drain	Bowl	Range Kg/cm²	Operation	Model
G 1/4	23.5 dm³/sec 50 scfm	25	Auto / Manual	Transparent	0 - 8.75	Relieving	SB15K-2G-A2T/RNLN SB15K-2G-M2T/RNLN
G 3/8	25.85 dm³/sec 55 scfm	25	Auto / Manual	Transparent	0 - 8.75	Relieving	SB15K-3G-A2T/RNLN SB15K-3G-M2T/RNLN

Sample Model Number → **S B 1 5 K - 2 B - M 2 T / R G M N - 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 19**

0		S = SHAVO															
1	PRODUCT	B=FILTER CUM REGULATOR COMBINATION UNIT															
2 3	SERIES	15 = "VAYU" - 1/4" BASIC															
4	TYPE	K = Knob type with Nitrile elastomers [E]= Knob type with EPDM elastomers [V]= Knob type with Viton elastomers [Z]= Knob type with Low temperature Nitrile elastomers															
5	SIZE	2 = 1/4" 3 = 3/8"															
6	PORT THREAD	<table border="1"> <thead> <tr> <th></th><th>MAIN PORT</th><th>GAUGE PORT</th></tr> </thead> <tbody> <tr> <td>A</td><td>NPT</td><td>BSPT</td></tr> <tr> <td>B</td><td>BSPT</td><td>BSPT</td></tr> <tr> <td>G</td><td>BSP</td><td>BSPT</td></tr> <tr> <td>N</td><td>NPT</td><td>NPT</td></tr> </tbody> </table>		MAIN PORT	GAUGE PORT	A	NPT	BSPT	B	BSPT	BSPT	G	BSP	BSPT	N	NPT	NPT
	MAIN PORT	GAUGE PORT															
A	NPT	BSPT															
B	BSPT	BSPT															
G	BSP	BSPT															
N	NPT	NPT															
7	DRAIN	M = Manual drain A = Automatic drain (available with Nitrile elastomers only) S = Semiautomatic (with Nitrile elastomer only)															
8	FILTER ELEMENT	1 = 05 M Porous plastic 2 = 25 M Porous plastic 3 = 40 M Porous plastic 6 = 05 M Sintered Bronze 7 = 25 M Sintered Bronze 8 = 40 M Sintered Bronze															
9	BOWL	T = Transparent PC bowl (with bowl guard) D = Metal bowl with sight glass [M] = Metal bowl without sight glass															
10	RELIEF	R = Relieving N = Non-Relieving															
11	GAUGE	N = No Pressure gauge G = With Pressure gauge(without any approvals)															
12	SEC.PR.RANGE	F = 6 - 60 psi (0.40 - 4.0 bar) L = 12 - 125 psi (0.87 - 8.75 bar) M = 15 - 150 psi (1.0 - 10.0 bar)															
13	MOUNTING & ACCESSORIES	N = No Mounting bracket B = Wall bracket fitted [L] = With 'L' type bracket															



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SB 15 (G 1/4 , G 3/8)

14 15 16 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

17 18 19 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 [] bracket are special, Please contact sales HQ / manufacturing.



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