

AIR FILTER / REGULATOR - - VAYU™ STANDARD

SHAVO
FIRST NAME IN PNEUMATICS

SB60 (G ¼, G ⅜, G ½, G ¾)

FEATURES

- Shavo's Vayu™ Series Standard 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.



PARAMETERS	SPECIFICATIONS	
Pipe Threads	G 1/4, 3/8, 1/2, 3/4 Parallel (F)	- Standard
	BSPT. / NPT	- Optional
Body Material	Al. Alloy die-cast	
Filter Element Size	5, 25, 50 micron.	
Filter Element Material	Plastic (Polypropylene)	- Standard
	Sintered Bronze	- Optional
Filter Bowl Material	Transparent Polycarbonate	- Standard
	Al. Alloy Metal	- Optional
Maximum inlet Pressure	with PC Bowl : 10.5 kg/cm ² (150 psig)	
	with Metal Bowl : 17.5 kg/cm ² (250 psig)	
Maximum Operating Temperature (ambient)	with PC Bowl : 50° C (125° F)	
	with Metal Bowl : 80° C (175° F)	
Standard Nominal Flow Rate + (at 10 bar supply pressure and 1 bar in sec pressure of 6 bar)	1/4 27 dm ³ /sec (57 scfm)	
	3/8 36 dm ³ /sec (76 scfm)	
	1/2 67 dm ³ /sec (140 scfm)	
	3/4 83 dm ³ /sec (175 scfm)	
Drain	Manual	- Standard
	Automatic	- Optional
Regulator Type	Relieving	- Standard
	Non - Relieving	- Optional
Pressure Adjustment	Non-rising plastic knob	- Standard
	Metal "T" Handle	- Optional
Regulated secondary outlet pressure (spring range) and recommended Pressure gauge range available (in kg/cm ²)	Spring Range	Gauge Range
	0.21 to 2.10 kg/cm ²	0 to 4 kg/cm ²
	0.35 to 3.5 kg/cm ²	0 to 4 kg/cm ²
	0.87 to 8.75 kg/cm ²	0 to 10 kg/cm ²
	1.0 to 10.00 kg/cm ²	0 to 16 kg/cm ²
	1.75 to 17.50 kg/cm ²	0 to 20 kg/cm ²
Gauge size	52 mm OD Nominal	
Gauge Port size	Rc 1/8	
Gauge connection	Back	
Mounting Bracket	Optional	
Panel Mounting	Standard - Available	

+ Values indicated are with 50 micron elements, with finer elements these values will be lower.

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Size	Flow (dm³/s)	Element (um)	Drain	Bowl	Range Kg/cm²	Operation	Model
G 1/4	27 dm³/sec	25	Auto Manual	Transparent	0-8.75	Relieving	SB60K-2G-A2P-RNLN SB60K-2G-M2P-RNLN
G 3/8	36 dm³/sec	25	Auto Manual	Transparent	0-8.75	Relieving	SB60K-3G-A2P-RNLN SB60K-3G-M2P-RNLN
G 1/2	67 dm³/sec	25	Auto Manual	Transparent	0-8.75	Relieving	SB60K-4G-A2P-RNLN SB60K-4G-M2P-RNLN
G 3/4	83 dm³/sec	25	Auto Manual	Transparent	0-8.75	Relieving	SB60K-6G-A2P-RNLN SB60K-6G-M2P-RNLN

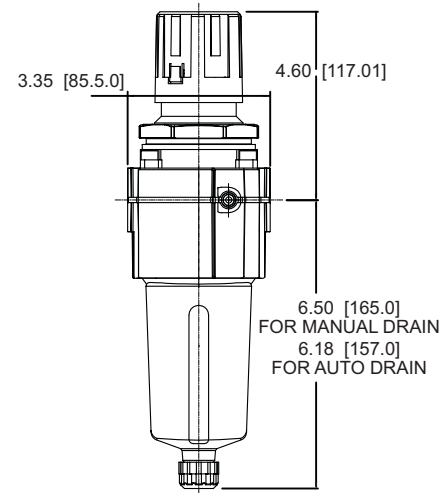
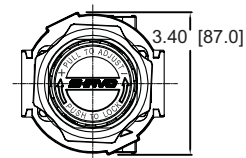
Option Selector

Sample Model Number → **S B 6 0 K - 4 B - M 2 P / R G M N**

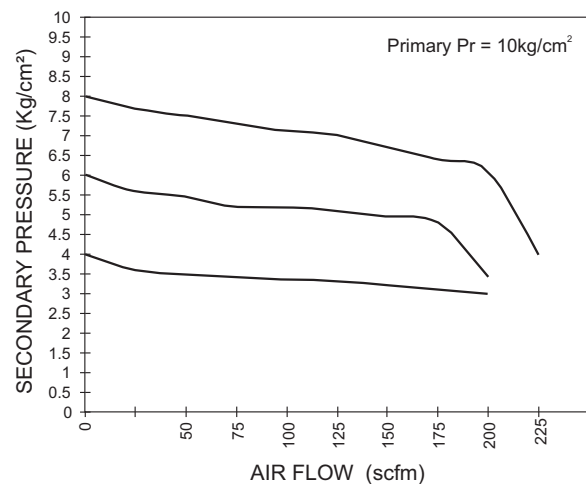
Position → **0 1 2 3 4 - 5 6 - 7 8 9 / 10 11 12 13**

- 0** Position: S = Shavo
- 1** Product: B = Filter Cum Regulator Combination Unit
- 2 3** Series: 20 = "Vayu" - 1/2 Basic
- 4** Type:
 - K = Knob Type (Nitrile Elastomers)
 - E = Knob Type (EPDM Elastomers)
 - V = Knob Type (Viton Elastomers)
 - T = 'T' Handle Type (Nitrile Elastomers)
 - F = 'T' Handle Type (EPDM Elastomers)
 - W = 'T' Handle Type (Viton Elastomers)
- 5** Size:
 - 2 = 1/4"
 - 3 = 3/8"
 - 4 = 1/2"
 - 6 = 3/4"
- 6** Port Thread:

	Main Port	Gauge Port
A	NPT	BSPT
B	BSPT	BSPT
G	BSP	BSPT
N	NPT	NPT
J	Japanese PT	
- 7** Drain:
 - M = Manual
 - A = Automatic
 - S = Semi A.D.
- 8** Filter Element:
 - 1 = 05 M Porous Plastic
 - 2 = 25 M Porous Plastic
 - 3 = 50 M Porous Plastic
 - 6 = 05 M Sintered Bronze
 - 7 = 25 M Sintered Bronze
 - 8 = 50 M Sintered Bronze
- 9** Bowl:
 - P = P. C. Bowl with Guard
 - D = Metal Bowl with Sight Glass
- 10** Relief:
 - R = Relieving
 - N = Non - Reliving
- 11** Gauge:
 - N = No Pr. Gauge
 - G = With Pr. Gauge
- 12** Sec. Pr. Range:
 - C = 0.21 to 2.1 kg/cm²
 - E = 0.35 to 3.5 kg/cm²
 - L = 0.85 to 8.75 kg/cm²
 - M = 1.00 to 10.0 kg/cm²
 - +S = 1.75 to 17.50 kg/cm²
- 13** Mounting & Accessories:
 - N = No MTG. Bracket
 - B = Wall Bracket Fitted



FLOW CHARACTERISTICS OF B60 - SIZE 1/2"



+ Only metal 'T' Handle

SHAVO

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