



Product Overview

The AX-VS-BFE range of servo assisted solenoid valves for use in standard applications. The valves come as standard with Buna seals but Viton and other seals are available as options. The valves are available either as normally open or closed variants and as standard are set up for 230vac operation. The units are suitable for use in Air, water, steam or light oil.

Features

- Standard seal Buna (other options available)
- Normally open and Normally closed options
- Manual override lever valve
- 230Vac as standard, other voltages available

Product Specifications

Power Supply:	standard options	230Vac @50/60Hz +/-10% 24Vac @50Hz +/- 10% 12/24Vdc +/-10%
Operation:	standard option	Normally Closed Normally Open
Max Consumption:	AC DC	inrush 43VA , holding 26VA 19 Watts
Open/ Close Time:		3 to 5 seconds
Maximum Viscosity:		50 Centistrokes max
Pressure Limit:	min max	0.3 bar 16 bar
Media Temperature:	Buna Option Viton	-5 + 90 deg C Water, air 0 to 200 deg C Steam
Ambient Temp. Range:		-10 to +60°C
Materials:	Body/ Cover Seat / Shaft Bolts Spring	Cast Iron, or Ductile Iron - epoxy coated Bronze Brass Stainless steel
Protection:		IP65
Connection:		3 spades DIN 43650A
Conformity:		CE marked
Country of Origin:	Valve Coil	Taiwan Germany

Order Codes

Part No	Port PN16	Orifice mm	Flow l/min	
AX-VS-BFE-50B-230	2"	50	1250	
AX-VS-BFE-65B-230	2 1/2"	65	1750	Add suffix to part number
AX-VS-BFE-80B-230	3"	80	2300	-NC for normally closed versions
AX-VS-BFE-100B-230	4"	100	4300	-NO for normally open versions
AX-VS-BFE-125B-230	5"	125	6500	If a different voltage is required
AX-VS-BFE-150B-230	6"	150	9100	change the -230 to the required Voltage
AX-VS-BFE-200B-230	8"	200	16700	If a Viton seal is required change the B
AX-VS-BFE-250B-230	10"	250	26500	after the size code to V
AX-VS-BFE-300B-230	12"	300	36500	

Installation

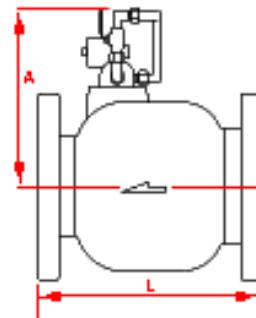
NOTE:

Always mount the valve with the coil in the upright vertical position, not up side down. Valves can be mounted either horizontally or vertically, but Horizontal is preferred.

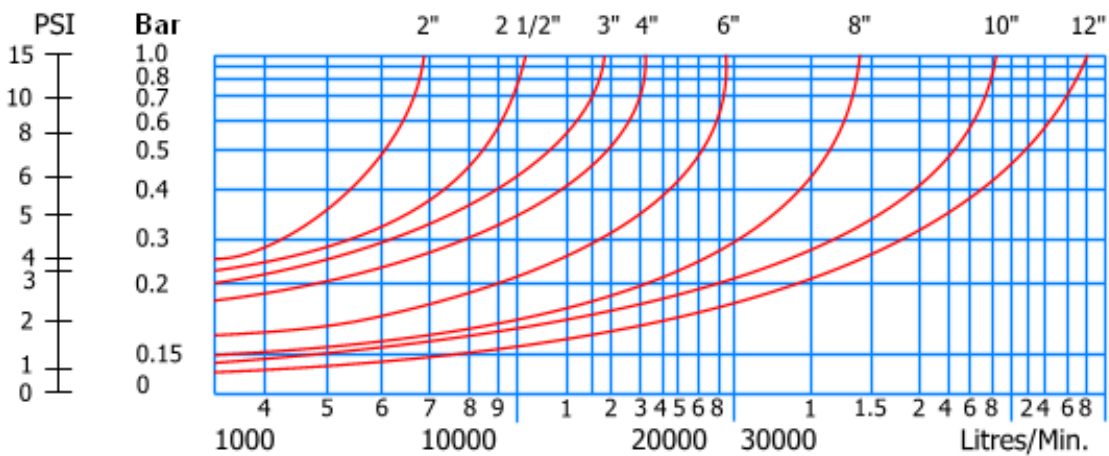


Dimensions

Part No	Length mm	Height mm	Weight Kgs
AX-VS-BFE-50B-230	190	187	12
AX-VS-BFE-65B-230	210	192	15
AX-VS-BFE-80B-230	225	210	18
AX-VS-BFE-100B-230	250	222	24
AX-VS-BFE-125B-230	280	235	32
AX-VS-BFE-150B-230	310	260	44
AX-VS-BFE-200B-230	420	300	87
AX-VS-BFE-250B-230	470	335	152
AX-VS-BFE-300B-230	530	370	202

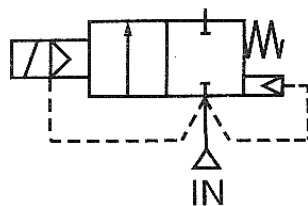


Pressure Drop Table

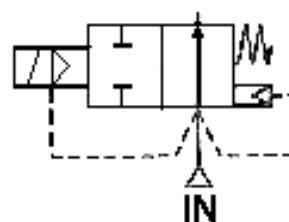


Connections

Normally Closed



Normally Open



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