

**SPECIFICATION**

MSS SP - 80  
 VERTICAL LIFT. IN-LINE TYPE  
 METAL DISC. NBR SEAT  
 THREADED TO BS 21, ISO 07, ASME B 1.20.1  
 HOLE SCREEN: 1.4 MM X 1.2 MM

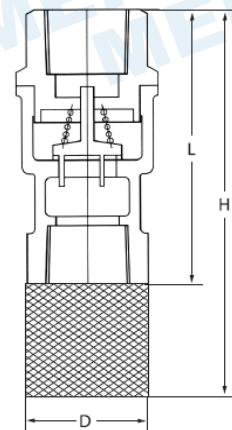
**PRESSURE/TEMPERATURE RATING**

Working pressure	20 bar (WOG) Non Shock
Test pressure	Shell: 30 bar Hydrostatic Seat: 21 bar Hydrostatic 5.5 bar Air
Working temperature	-20°C ~ 120°C
Suitable Media	



**MATERIAL LIST**

Part	Material	ASTM Spec.	BS Spec.
Body	Bronze (Gunmetal)	B62 C83600	1400 LG2
Disc	Bronze (Gunmetal)	B62 C83600	1400 LG2
Spring	Stainless steel	A313 304	3111 304S21
Screen	Stainless steel	A240 304	1449 304S31
Seat	NBR	-	-



**DIMENSIONS**

DN	mm	15	20	25	32	40	50
	Inch	1/2	3/4	1	1 1/2	1 1/4	2
L (mm)		53	61	69	79	80	99
H (mm)		85	95	113	132	139	171
D (mm)		23	30	35	42	52	63

**Note:**

1. If used for gas application, please consult our sales office.
2. Design and specifications are subject to change without prior notice.