

**Technical Specification of PRV W3 (All Variant: NF, B, BSC, G, SC, M1NF, M1B)**



Type	: Direct acting Diaphragm operated
Body	: Brass in W3 NF , B , BSC , M1NF , M1B : Gun Metal / Bronze in W3 G , SC
Diaphragm	: Nylon Reinforced NBR with Corrugation Profile
Filter cap	: Transparent plastic/ (Brass* optional at extra cost)
Internals	: Plastic + Rubber + Stainless steel SS 316 + Brass
Moving part (plug)	: low weight engineering plastic with SS316 insert
Built –in filter	: SS 316 ( no filter in NF and M1 NF)
Pore size of filter mesh	: 0.2mm (BSC & SC) ,0.4(standard for other),0.8 (on request)
Burst pressure test	: 30 kg/ cm <sup>2</sup> (can be tested at higher pressures on request)
Design inlet pressure	: 16 kg/ cm <sup>2</sup>
Outlet pressure range	: 1.5 to 5 kg/cm <sup>2</sup> * (Except VL series having 0.5 to 2 kg/cm <sup>2</sup> and VH series having 1.5 to 10 kg/cm <sup>2</sup> )
Medium	: Water; non corrosive liquids; compressed air.
Sizes	: 15mm to 50mm
End Connection	: Female BSP threaded (M1NF & M1B variants are in BSP Male Threaded
For optional Flush Out mechanism (Easy Clean Attachment)	: minimum bore of drain 10mm

