



Universal Pulsation Dampner

SALIENT FEATURES

- Ball check arrangement absorbs sudden surges.
- New design of fine thread choke valve can smoothen even minor pulsation.
- It can isolate the gauge during replacement or servicing.
- Compact design makes it suitable for panel mounted instruments.

Hirlekar Precision manufactures universal pulsation dampner used in line with the pressure gauge, to suppress line pulsations & keep the pointer steady. They have a unique combination of “Ball check arrangement” and a “Fine thread choke valve”. This new design offers absolute protection and facilitates steady indication on instruments such as pressure gauges against line pressure surges, shock waves and fluid hammer on reciprocating systems. The fine thread choke valve smoothen out even minor line pulsation and can be used to isolate the gauge for servicing or replacement.

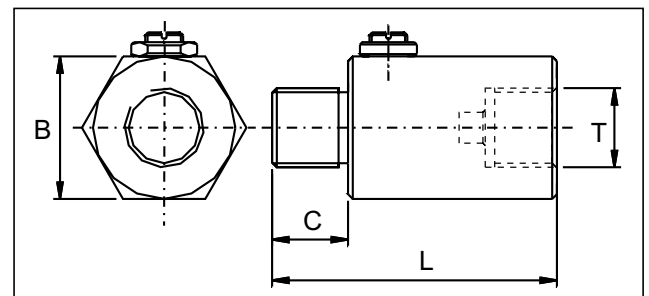
DIMENSIONS :

Model	UPD 250	UPD 250	UPD 150
Thread size # (T)	1/2" BSP/NPT	3/8" BSP	1/4" BSP/NPT
Thread length (C)	20 mm	16 mm	13 mm
Total length (L)	60 mm	60 mm	45 mm
Material	Brass*, M.S., SS-304		
Body size (B)	30 mm hex	30 mm hex	17 mm hex
Max. Pressure	250 Kg/cm ²	250 Kg/cm ²	150 Kg/cm ²

* Brass dampner has SS-304 int. Parts

Metric threading M12x1.5 for 17mm hex & M 20x1.5 for 30mm hex.

Absolute steadiness of the gauge pointers was observed where there are medium to heavy pulsations in the line. The compactness of the design makes it suitable for use on panel mounted instruments.



SPECIFICATIONS :

- Finish : Blackened for M.S. and natural for brass and stainless steel.
- Sealing : Nitrile rubber “O” ring with teflon back-up washer.
- Working temperature : 120°C max.
- Thread connections : External for inlet and internal for gauge (standard) Others on request.

APPLICATIONS :

It is used in line with the pressure gauge, to dampen / suppress line pulsation's to keep the pointer steady. It also protects the gauge from sudden surges. It is also known as “snubber” and is available in stainless steel, brass and mild steel. Used along with pressure gauges, which are used in systems having line pulsations. Additional feature is that product can also isolate the gauge whenever the gauge is to be replaced or removed for servicing.

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