

Pressure Gauge Snubbers

Porous and Adjustable Type

Type 005.02.10 - Porous

Type 005.02.20 - Adjustable

HI-TEK Data Sheet 005.02

Applications

Pressure gauge snubbers are intended to suppress the effect of pressure pulses and pressure peaks. Porous snubbers incorporate a fixed mesh disk. Adjustable snubbers are provided with an adjustable needle valve that enables the operator to restrict the flow as operating conditions may demand even when the snubber is in service.

Pressure gauge snubbers will considerably increase the service life of pressure gauges in harsh applications such as on reciprocating pumps and compressors, hydraulic presses or fluid power systems and will additionally improve the reading accuracy of the gauge.

Pressure gauge snubbers are effective for applications with pressures above 5 psi.



**005.02.10
Porous**

Standard Features

Pressure Connection

1/4" 3/8" or 1/2" male x female (see selection chart)

Body Material

Brass or stainless steel

Pressure Rating

Brass: 3000 psi - 5000 psi

Stainless Steel: 5000 psi - 20,000 psi
(see selection chart)

Temperature Rating

14°F to 248°F (-10°C to 120°C)

Optional Extras (By Special Order)

Degreased for oxygen service, maximum 725 psi at 60°C



**005.02.20
Adjustable**

Installation and Instructions:

INSTALLATION: Type 005.02 pressure snubbers can be installed directly on the instrument to be protected.

MAINTENANCE: Type 005.02.10 porous snubbers can be cleaned by back flushing with a commercial grade solvent. Type 005.02.20 adjustable snubbers can be cleaned by backing the needle valve out from the body in a counterclockwise direction until it stops and back flushing the pressure port with a commercial grade solvent.

Type	Part #	Male x Female Connection	Body Material	Maximum Pressure(psi)
005.02.10 Porous Snubber	HK0050210-B2	1/4"	Brass	5000
	HK0050210-S2	1/4"	SS	15000
	HK0050210-B3	3/8"	Brass	5000
	HK0050210-S3	3/8"	SS	15000
	HK0050210-B4	1/2"	Brass	5000
	HK0050210-S4	1/2"	SS	20000
005.02.20 Adjustable Snubber	HK0050220-B2	1/4"	Brass	3400
	HK0050220-S2	1/4"	SS	5800
	HK0050220-B3	3/8"	Brass	3400
	HK0050220-S3	3/8"	SS	5800
	HK0050220-B4	1/2"	Brass	3400
	HK0050220-S4	1/2"	SS	10000

Ordering information

To order the described products, the 12 digit product number is sufficient. Optional extras required.

Modifications may take place and materials specified may be replaced by others without prior notice. Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.

HUBEI HI-TEK VALVE AND FITTING CO.,LTD

Guilin North Road , Xialu District,
Huangshi 435000, Hubei, China
E-Mail:yanadu@hitekvalve.com