High Volumetric Displacement

TYPE 29



- An off-line seal with a threaded connection and all welded, all metallic housing design that does not utilize an o-ring or gasket
- Can be used for remote mounting of pressure instrument(s) with capillary
- Designed with a larger diameter diaphragm for higher displacement capability
- A variety of upper and lower housing and diaphragm materials are available to suit most applications
- A flushing port is available to clean wetted areas and prevent process media build up
- Consider instrument size, pressure range, media composition, ambient and operating temperature, and maximum working pressure when selecting
- Capillaries and cooling elements are available for elevated process temperatures, see page 24
- Fill fluid must be compatible with process media; i.e. Glycerin may become volatile in conjunction with a strong oxidizing agent such as chlorine, forms of oxygen or peroxide and nitric acids

APPLICATIONS

- Water and wastewater
- Oil and gas
- Petrochemical
- Chemical processing
- Industrial automation
- Marine
- Agriculture
- Steel fabrication
- Mud pumping
- Pulp and paper
- Pneumatic

SPECIFICATIONS

Seal type	Threaded with welded diaphragm.			
Instruments	**Type**	**Size**	**Minimum Pressure**	**Maximum Pressure**
	Gauges	2-1/2″ to 4-1/2″	0 psig to 30 psig	0 psig to 2,500 psig
	Transducers	-	0 psig to 30 psig	0 psig to 2,500 psig
	Switches	-	0 psig to 30 psig	0 psig to 2,500 psig
Upper housing	Type	Continuous duty		
	Connections	1/4″ NPT, 1/2″ NPT		
	Materials	316 Stainless Steel, Hastelloy C-276, Monel 400, other materials available upon request		
Diaphragm	Size	2.1″		
	Displacement	1.5 ml		
	Materials	316 Stainless Steel, Hastelloy C-276, Monel 400, other materials available upon request		
Lower housing	Connections	1/4″ NPT, 1/2″ NPT, 3/4″ NPT, 1″ NPT		
	Materials	316 Stainless Steel, Hastelloy C-276, Monel 400, other materials available upon request		
	Flushing port	Optional 1/8″ NPT and 1/4″ NPT		
Operating temperature	Operating temperature is determined by the temperature/pressure configuration. See Material Temperature table.			

⚠ **WARNING:** This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

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ORDERING INFORMATION								
TYPE	29							
INSTRUMENT CONNECTION SIZES	02	1/4″ NPT	04	1/2″ NPT				
UPPER HOUSING MATERIALS	H	Hastelloy C-276	M	Monel 400	P	Carpenter 20	S	316 Stainless Steel
DIAPHRAGM MATERIALS	H	Hastelloy C-276	M	Monel 400*	P	Carpenter 20*	S	316 Stainless Steel
PROCESS CONNECTION SIZES	02	1/4″ NPT	04	1/2″ NPT	06	3/4″ NPT	08	1″ NPT
LOWER HOUSING MATERIALS	H	Hastelloy C-276	M	Monel 400	P	Carpenter 20	S	316 Stainless Steel
OPTIONAL FLUSHING CONNECTIONS	1F	1/8″ NPT	2F	1/4″ NPT				
OPTIONAL FLUSH PORT PLUG	P	(Flush port plug will match lower housing material.)						

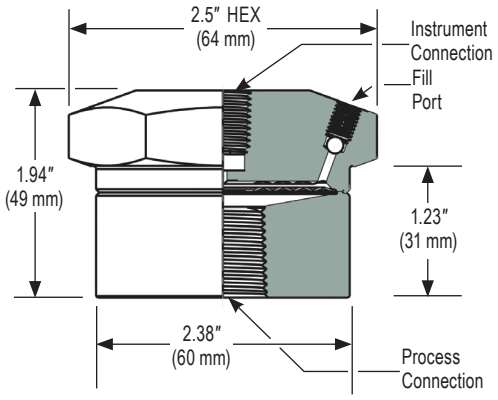
Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

* When selecting a Monel or Carpenter 20 Diaphragm, the upper & lower housing must be the same material

EXAMPLE — **29 – 02 S – S – 06 S – 1F**

Type 29
Instrument connection size ..... 1/4″ NPT
Upper housing material ..... 316 Stainless Steel
Diaphragm material ..... 316 Stainless Steel
Process connection size ..... 3/4″ NPT
Lower housing material ..... 316 Stainless Steel
Flushing connection (optional) ..... 1/8″ NPT

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