

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		
Diaphragm	Size	2.1"		
	Displacement	1.5 ml		
	Materials	316 Stainless steel (Exotic materials available on request)		
Lower housing	Connections	1/4" NPT, 1/2" NPT, 3/4" NPT, 1" NPT		
	Materials	316 Stainless steel (Exotic materials available on 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.			

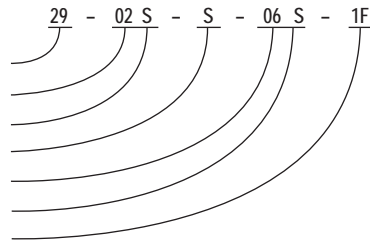
ORDERING INFORMATION			
TYPE	29		
INSTRUMENT CONNECTION SIZES	02 1/4" NPT	04 1/2" NPT	
UPPER HOUSING MATERIALS	M Monel 400	S 316 Stainless steel	P Carpenter 20
DIAPHRAGM MATERIALS	H Hastelloy C-276	P Carpenter 20 ¹	
	M Monel 400 ¹	S 316 Stainless steel	
PROCESS CONNECTION SIZES	02 1/4" NPT	06 3/4" NPT	
	04 1/2" NPT	08 1" NPT	
LOWER HOUSING MATERIALS	H Hastelloy C-276	P Carpenter 20	
	M Monel 400	S 316 Stainless steel	
FLUSHING CONNECTIONS	1F 1/8" NPT	2F 1/4" NPT	

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

¹ When selecting a Monel or Carpenter 20 Diaphragm, the upper & lower housing must be the same material

EXAMPLE

Type29
 Instrument connection size1/4" NPT
 Upper housing material 316 Stainless steel
 Diaphragm material 316 Stainless steel
 Process connection size3/4" NPT
 Lower housing material 316 Stainless steel
 Flushing connection (optional)1/8" NPT



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