Compact high pressure seal
Model DS54

Threaded connections to ANSI/ASME or ISO



Features

- All welded metal construction
- No gaskets or bolts
- All material stainless steel

Ranges

1500 psi up to 6000 psi
100 kg/cm^2 up to 400 kg/cm^2

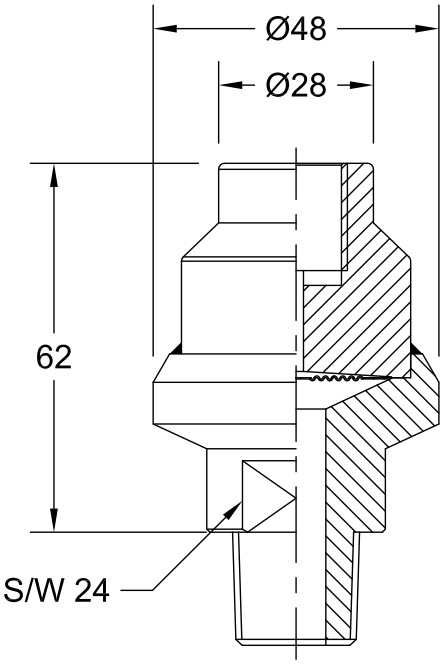
Applications

Chemical and petrochemical industry
Machine and apparatus construction
Power station

Technical Specification	DS54
Process connection size	1/4” 3/8” 1/2” 3/4” BSP / NPT (M), M20x1.5(M), others on request
Pressure range in kg/cm^2 (min || max)	100 || 400
Material Housing Diaphragm (metal type)	 Stainless steel 316, Optional Stainless steel 316L , Hasteloy-C276 Stainless steel 316L Optional Hasteloy-C276
Accuracy	Additional 0,5 % to the specified tolerance of the mounted instrument
Filling liquids (temperature range)	Glycerin (0/400 °F, -18/204 °C), Silicone (-40/600 °F, -40/315 °C), Halocarbon (-70/300 °F, -56/149 °C), Syltherm 800 (-40/750 °F, -40/400 °C), Vegetable oil (32/248 °F, 0/120 °C) Others on request, also depending on selected material and configuration.
Mounting	Direct
Weight dry in grams	440
Accessories, options	Pressure gauges, transducer

All specifications are subject to change without notice.

General dimensions in mm



Order information

Process connection	Type	Diaphragm	Housing material	Instrument connection	Filling fluid	Option
(05) 3/4" NPT(M)	**DS54**	**(S)** 316L	**(S)** 316	**(14T)** 3/8" BSP(F)	**(CG)** Glycerin (direct mounted, -18/204 °C)	**(NH)** Tagging wired
(04) 1/2" NPT(M)		**(H)** Hasteloy-C276	**(L)** 316L		**(CK)** Silicone (direct mounted or with capillary, -40/315 °C)	**(OF)** Oil free (only filled with halocarbon)
(03) 3/8" NPT(M)			**(H)** Hasteloy-C276		**(GZ)** Vegetable oil (direct mounted, 0/120 °C)	**(PU)** Flushing connection 1/4" NPT (F)
(02) 1/4" NPT(M)					**(CF)** Halocarbon (direct mounted or with capillary, -56/149 °C)	**(CA)** Stainless steel armored capillary [1]
(16) M20x1.5(M)					**(HA)** Syltherm 800 (direct mounted or with capillary, -40/400 °C)	**(CP)** Stainless steel armored capillary with PVC sleeving [1]
(17) 3/4" BSP(M)						
(15) 1/2" BSP(M)						
(14) 3/8" BSP(M)						
(13) 1/4" BSP(M)						

1) Max length 30m, specify length in mm
EG. CP1000 = CP with 1m

How to order

Process connection	Type	Diaphragm	Housing material	Instrument connection	Filling fluid	Option
02	DS54	S	S	14T	CK	NH

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