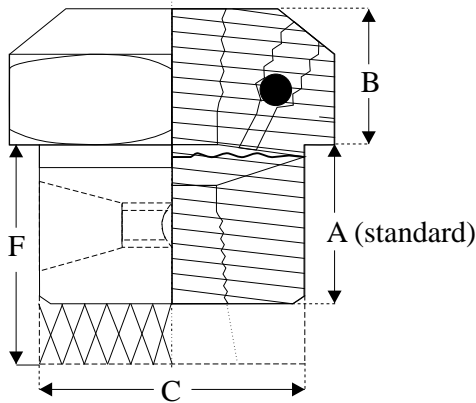


FICO DIAPHRAGM SEALS

TYPE: HG - Mini One Piece Welded Diaphragm Seal



The HG - "mini" seal has been designed to provide economical protection against corrosive, viscous or crystallising liquids, vapours or gases and whenever it is desirable to exclude the process media from a pressure gauge. It's small, low displacement diaphragm is suited to be used with most pressure gauges 63mm dial size or smaller. 100mm Ashcroft 1009 gauges with ranges 400kPa and above or pressure transmitters with low displacement sensing diaphragms are also suitable. An optional bottom housing with 1/8"BSPT flushing connection is available (Dimension F).

Pressure Rating: -70 to 27,580 kPa @ 20°C

Dimensions	Size (mm)
A - Bottom Housing Standard	19.0
B - Top Housing (38mm Across Flats)	17.5
C - Bottom Housing Diameter	34.9
F - Bottom Housing With Flushing Connection	28.6

* Drawing schematic only. Design subject to change without notice.

How To Order: HG KA KA S S S SL

Table A

Style - All Welded	Code
HG	HG

Table B

Process Connection	Code
1/4"BSPT	KA*
3/8"BSPT	KR
1/2"NPT	04
Option	XX

Table C

Instrument Connection	Code
1/4"BSPT	KA*
1/4"NPT	OZ
3/8"BSPP	KR
1/8"BSPT	KG

Table D

Top Housing	Code
316s/s	S

Table E

Bottom Housing	Code
316s/s	S*
316s/s with 1/8" BSPT Flushing Connection	F
Option	X

Table F

Diaphragm	Code
316L	S*
Hast. C	H

Table G

Fill Fluid	Code
Silicone	SL*
High Temperature	HS

* Denotes standard type.

NOTE: 316 stainless steel capillary available - specify length and instrument connection required for end fittings.

CAUTION! Correct selection, fitting, filling and testing of the combined Diaphragm Seal and pressure instrument is vital to achieve optimum performance. APS provide a complete filling, fitting and test service and can fit diaphragm seals to your instrument, free issue, or supply most pressure instruments required. Contact your closest APS branch for application assistance.

Manufactured by Austral-Powerflo Solutions Pty Ltd

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