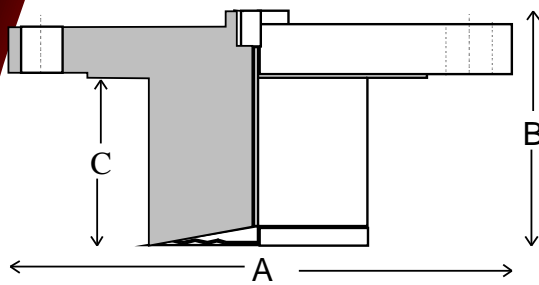


# FICO DIAPHRAGM SEAL

## TYPE: EN - EXTENDED NECK FLANGE



Dimensions (mm)	Sizes (to 150lb ANSI)		
	40	50	80
A	127.1	152.5	190.6
B	139.5	141.0	142.0

Dimension 'C' = 100mm extension

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

The model EN Diaphragm pressure seal is designed for general purpose use when the diaphragm is required to fit flush to the process and a flanged process connection is required. Standard in 316 stainless steel as ANSI 50mm 150lb (2") with a 100mm neck extension and available to most flange standards and ratings. The extended neck allows the diaphragm to fit flush to the process avoiding cavities that may collect solidified product and would prevent the diaphragm seal from operating. Installation is simple, the diaphragm seal bolts onto the matching pipe flange on the process side.

FICO Diaphragm pressure seals can be used in conjunction with pressure transmitters, gauges, switches and most other pressure instruments.

Pressure Range: -70kPa to maximum flange rating.

How To Order: EN 150 050 KP S O S 100 SL

Table A

Style - Extd Neck	Code
Old Part No.171A7	EN
Old Part No.12A3	
Old Part No.173A5	

Table B

Flange Rating ANSI	Code
150lb	150*
300lb	300
600lb	600

Table C

Flange Size	Code
40mm (1 1/2")	040
50mm (2")	050*
80mm (3")	080
100mm (4")	100

Table D

Instrument Connection	Code
3/8"BSPP	KP*
1/2"BSPP	KN
Option	XX

Table E

Top Housing Material	Code
316ss	S*
Other	X

Table F

Bottom Housing Material	Code
None	O

\* Denotes standard type.

Table G

Diaphragm Material	Code
316ss	S*
Hast. C	H
Other	X

Table H

Neck Dimensions	Code
Standard 100mm	100

Table I

Fill Fluid	Code
Glycerine	CG
Silicon	SL*
High Temperature	HS
Silicone	
Food Grade	FG
Oxygen Service	OX

NOTE: 316 stainless steel armoured 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 issued, 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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