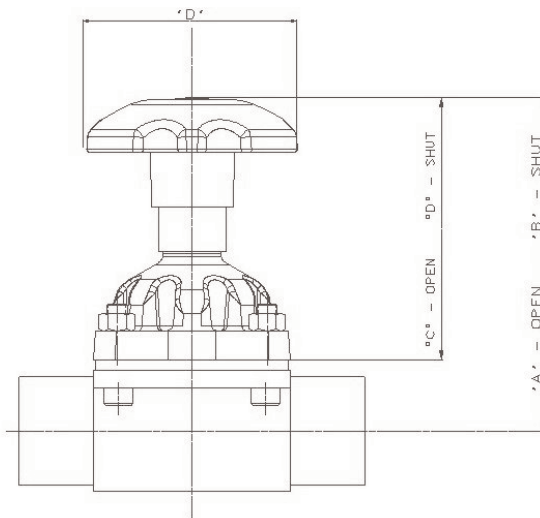


Engineered Polymer Bonnet Assembly (PARA)

HC4 Diaphragm Valves

Saunders® Polyaryl Amide (PARA) Polymer Bonnet Assembly has been designed to meet the exacting needs of the clean processing industries. Capable of withstanding standard washdown protocols, the bonnet provides a compact, lightweight solution to complement Saunders® range of manual bonnet solutions. Suitable for use with the complete range of body combinations including Standard 2 Way, Zero Deadleg and Bio Block configurations.



Dimensions (mm):

Size DN	A	B	C	D	E
0.50"(15)	3.46	3.19	2.80	2.52	2.44
0.75"(20)	3.58	3.39	2.80	2.56	2.44
1.00"(25)	4.57	4.17	3.62	3.23	3.15
1.50"(40)	6.65	5.98	5.31	4.65	4.72
2.00"(50)	7.40	6.46	5.75	4.80	4.72

Size Availability

0.50"-2.00" (DN15 to 50)

Standard Features

- Rising handwheel
- Yellow visual indicator
- Stainless steel compressor

Catalogue Code:

- H59 (rubber)
- H60 (PTFE)

Material of Construction

- Bonnet: Polyaryl amide (PARA) resin
- Spindle: Carbon steel zinc coated BSEN 10277-3 Grade 1.0718
- Handwheel: Polyaryl amide (PARA) resin
- Compressor: Stainless Steel BS 3100 316C16 (DN15-50)
- Indicator sleeve: Polypropylene

Biopharm Compatibility

Bonnet materials of construction are FDA compliant.

PARA is suitable for wash-down with detergents, sodium hydroxide, hypochlorite and alcohols.

For other chemicals not stated above contact the manufacturer.

Temperature Rating

This bonnet is non-autoclavable. It is suitable for service line temperatures up to 145°C.

Maximum Pressure Rating

0.50"-2.00" (DN15-50):

rubber diaphragm: 16 bar (232 psi)

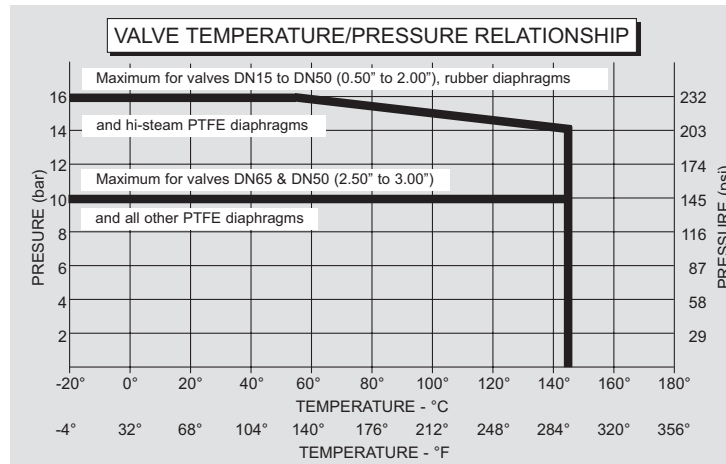
hi-steam PTFE diaphragm: 16 bar (232 psi)

all other PTFE types: 10 bar (145 psi)

Recommended Bolting Torques

For attachment to valve body the following torques are recommended, and should not be exceeded:

Size (DN)	Torque (Nm)
0.50"(15)	3.7 lbf ft (5)
0.75"(20)	3.7 lbf ft (5)
1.00"(25)	4.4 lbf ft (6)
1.50"(40)	9.6 lbf ft (13)
2.00"(50)	18.4 lbf ft (25)



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