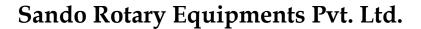


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PFA | FEP Lined 2 Piece Ball Valve

General Specifications:-

Service Temperature:

PFA: 260° CFEP: 205° C

Lining Thickness:

➤ Minimum 3.00 mm over all wetted parts.

Test Pressure:

Body Test : 15 Kg/Cm² (Hydraulic)
 Seat Test : 10 Kg/Cm² (Hydraulic)

Die Electric Spark Test:

➤ 10 KV DC

Made as per Standard:

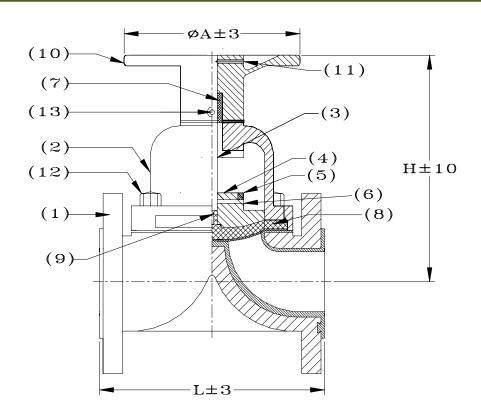
➤ Length of Ball Valve : As per Manufacturer's Std.

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PFA | FEP Lined Diaphragm Valve



For General specifications, please refer to page no. 2

Dimension Chart (All Dimensions are in mm)

Size	15	20	25	40	50	65	80	100	150	200	250	300
L (±3)	114	123	133	165	196	222	260	311	412	527	641	755
H (±10)	95	100	115	154	160	180	235	260	370	480	540	600
ØA (±3)	70	70	95	115	140	165	220	240	370	410	580	650

Dill	of 1	Tato	mial

Sr.	Part Name	Material					
1.	Body	Graded CI / DI / WCB / SS + PFA/FEP Lined					
2.	Bonnet	Graded CI / DI / WCB / SS					
3.	Spindle	Graded CI / DI / WCB / SS					
4.	Compressor	Graded CI / DI / WCB / SS					
5.	Collar	Carbon Steel					
6.	Compressor Pin	SS					
7.	Bush	Gun Metal					
8.	Diaphragm	PTFE With Neoprene Rubber back up					
9.	Diaphragm Stud	Brass					

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10.	Handle Wheel	Graded CI / DI / WCB / SS
11.	Lock Screw	SS
12.	Stud	MS/SS
13.	Grease Nipple	Brass

PFA | FEP Lined Diaphragm Valve

General Specifications:-

Service Temperature :-

PFA: 265° CFEP: 200° C

Lining Thickness:

➤ Minimum 3.00 mm over all wetted parts.

Test Pressure:-

Body Test : 10 Kg/Cm² (Hydraulic)
 Seat Test : 10 Kg/Cm² (Hydraulic)

Die Electric Spark Test:-

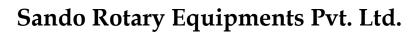
> 15 KV DC

Design Standard:-

➤ Length of Diaphragm valve : BS 5156

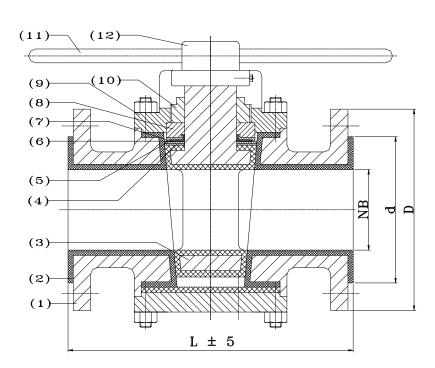
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PFA / FEP Lined Plug Valve



For General specifications please refer to page no. 2

Dimension Chart (All Dimensions are in mm)

Length of valve as per BS 5351 short pattern.

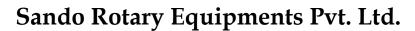
Size	15	20	25	40	50	80	100	150	200	300
NB (±0.5)	12.5	19	25	38	50	76	100	150	200	300
L (±5)	108	118	127	165	178	203	229	267	297	355
D (±0.5)	89	98	108	127	152	190	229	280	343	483
d (±0.5)	35	43	51	73	92	127	157	216	268	370

Bill of Material

Sr.	Part Name	Material						
1.	Body	Graded CI / DI / WCB / SS + PFA/FEP Lined						
2.	Lining Material	PFA/FEP						
3.	Plug	DI / WCB / SS + PFA/FEP Lined						
4.	Diaphragm	PTFE						
5.	Shim	SS 304						
6.	Wedge ring	PTFE						
7.	Washer	PTFE						
8.	Thrust Collar	SS 304						
9.	Cover Plate	Graded CI / DI / WCB / SS						
10	Adjusting Nut	SS 304						
11	Handle Rod	MS / SS						
12	Handle Cap	MS / SS						

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PFA / FEP Lined Plug Valve

General Specifications:-

Service Temperature:

PFA: 265° CFEP: 205° C

Lining Thickness:

• Minimum 3 mm over all wetted parts.

Test Pressure:

Body: 07 Kg/Cm² (Hydraulic)
Seat: 07 Kg/Cm² (Hydraulic)

Die Electric Spark Test:

• 15 KV DC

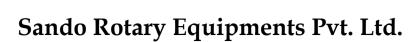
Made as per Standard:

• Plug valve : BS 5351, Short Pattern

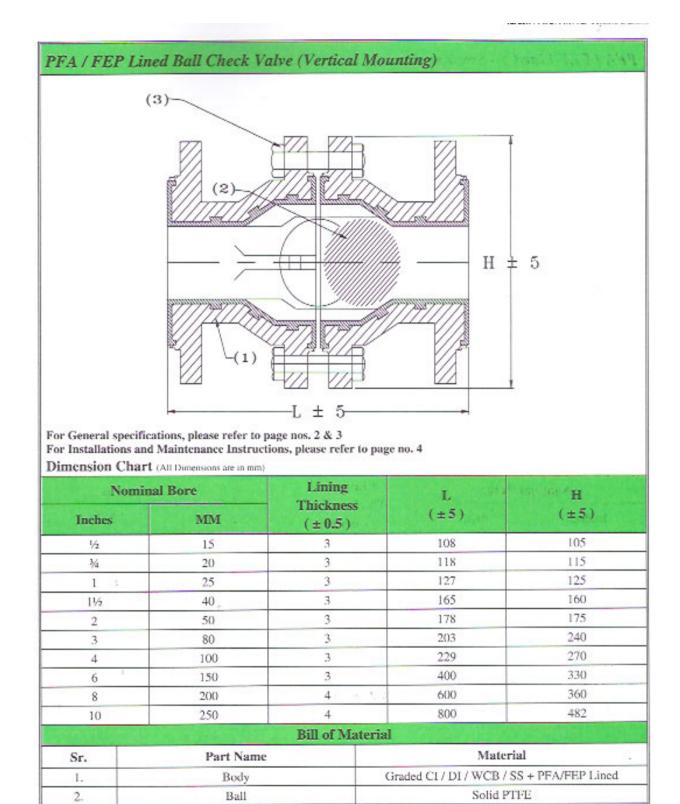
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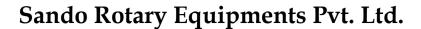


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Fasteners

SS 304







PFA / FEP Lined Ball Check Valve

General Specifications:-

Service Temperature:

PFA: 260° CFEP: 205° C

Lining Thickness:

> Minimum 3.00 mm over all wetted parts.

Test Pressure:

Body Test : 15 Kg/Cm² (Hydraulic)
 Seat Test : 10 Kg/Cm² (Hydraulic)

Die Electric Spark Test:

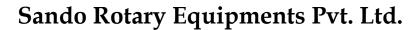
> 10 KV DC

Made as per Standard:

➤ Length of Ball Check Valve : As per Manufacturer's Std.

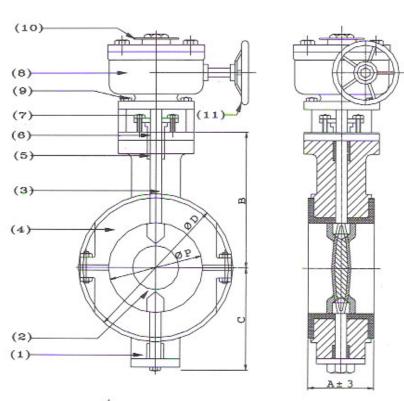
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PFA / FEP Lined Gear Operated Wafer Type Butterfly Valve



For General specifications, please refer to page nos. 2 & 3

For Installations and Maintenance Instructions, please refer to page no. 4

Dimension Chart (All Dimensions are in mm)

Size	80	100	125	150	200	250	300	350	400	450	500	600
ØP(±3)	- 76	100	125	150	200	250	300	350	400	450	500	. 600
ØD(±5)	136	170	200	220	277	334	400	445	470	540	585	695
A(±3)	42	50	54	54	60	68	78	78	102	114	127	154
B(±7)	125	135	170	180	230	245	338	366	398	475	500	600
C(±7)	85	108	130	138	180	205	240	256	285	330	362	450

Bill of Material						
Sr.	Part Name	Material				
1. :	Body	Graded CI / DI / WCB / SS				
2.	Disc	SS 304 / 316 + PFA/FEP lined				
3.	Spindle (Integral Disc)	SS 304 / 316				
4.	Seat	PTFE				
5.	Bearing Bush	PTFE				
6.	Gland Bush	PTFE				
7.	Gland Flange	MS/SS				
8.	Gear Box	Ductile Iron/MS Fabricated				
9.	Fasteners	MS / SS				
10	Indicator	CS/MS				
11	Hand wheel	MS Fabricated / Ductile Iron				

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PFA / FEP Lined Gear Operated Wafer Type Butterfly Valve

General Specifications:-

Service Temperature:

PFA: 260° CFEP: 205° C

Lining Thickness:

➤ Minimum 3.00 mm over all wetted parts.

Test Pressure:

Body Test : 10 Kg/Cm² (Hydraulic)
 Seat Test : 10 Kg/Cm² (Hydraulic)

Die Electric Spark Test:

> 10 KV DC

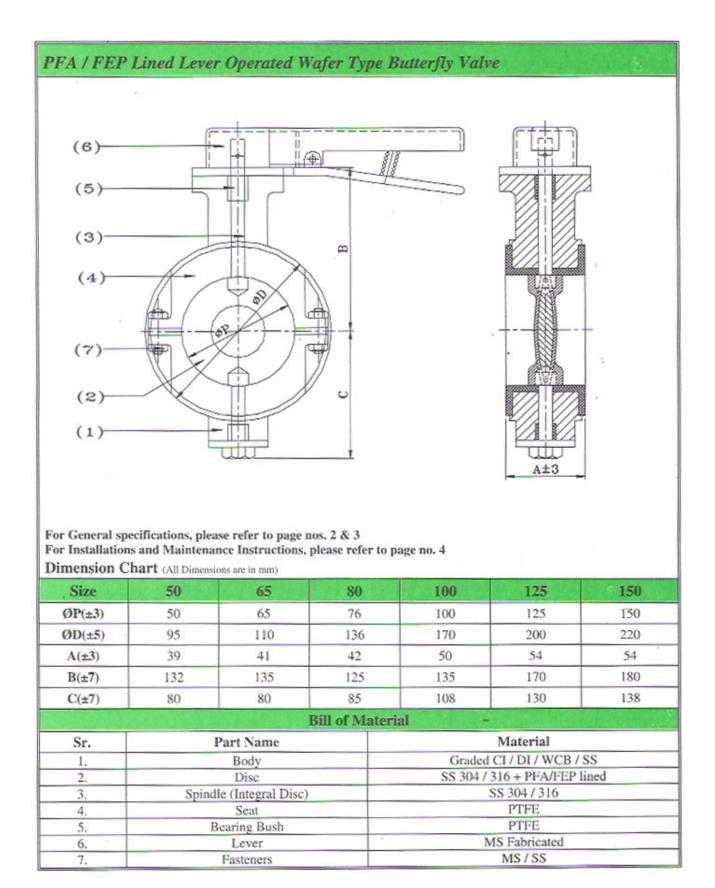
Made as per Standard:

➤ Length of Gear Operated Butterfly Valve : As per Manufacturer's Std.

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PFA | FEP Lined Lever Operated Wafer Type Butterfly Valve

General Specifications:-

Service Temperature:

PFA: 260° CFEP: 205° C

Lining Thickness:

➤ Minimum 3.00 mm over all wetted parts.

Test Pressure:

Body Test : 10 Kg/Cm² (Hydraulic)
 Seat Test : 10 Kg/Cm² (Hydraulic)

Die Electric Spark Test:

➤ 10 KV DC

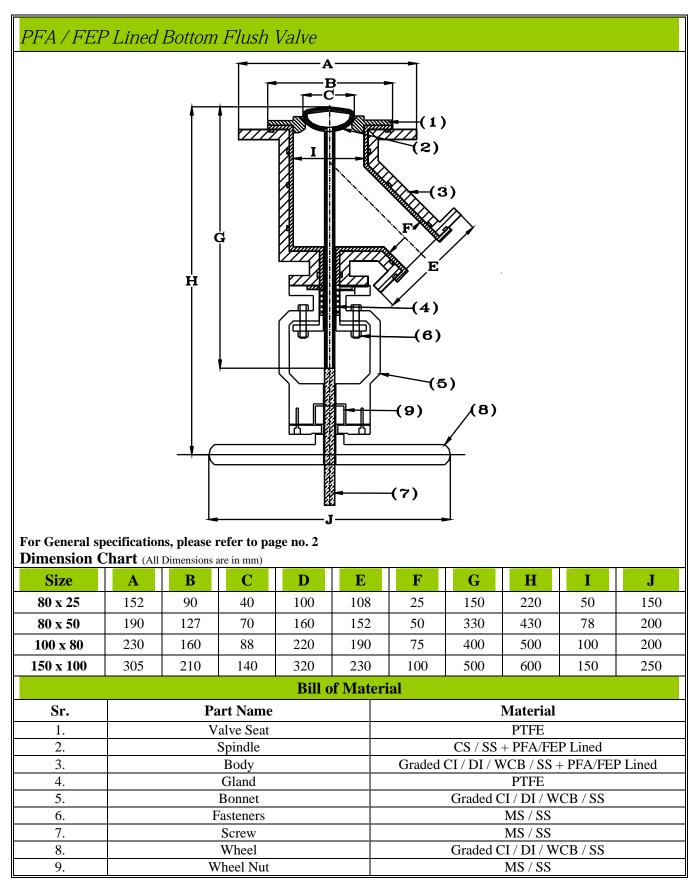
Made as per Standard:

➤ Length of Lever Operated Butterfly Valve : As per Manufacturer's Std.

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PFA / FEP Lined Bottom Flush Valve

General Specifications:-

Service Temperature:

Ø PFA: 260° CØ FEP: 205° C

Lining Thickness:

Ø Minimum 3.00 mm over all wetted parts.

Test Pressure:

Body Test : 10 Kg/Cm² (Hydraulic)
 Seat Test : 10 Kg/Cm² (Hydraulic)

Die Electric Spark Test:

Ø 10 KV DC

Made as per Standard:

Ø Length of Flush Bottom valve : As per Manufacturer's Std.

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