

**PDCPD Large Diameter
Butterfly Valve (32")**

Specifications

Sizes: 32"
Models: Wafer Style
Operators: Gear
Bodies: PDCPD
Discs: PDCPD
Seats: EPDM, FKM
Stems: 403 Stainless steel
Max Working Press: 110psi
Max Working Temp: 175°F

Standard Features

- High corrosion resistance PDCPD body
- Lightweight – Considerably lighter than metallic valves of same size
- Wafer style body design
- Full seat liner design
 - Eliminates mating flange gaskets
- Spherical disc design
 - For maximum flow characteristics
- Non-wetted metal parts
 - No metal to media contact
- ISO 5211 F-series top flange
- 304 stainless steel stem
- Durable cast iron epoxy coated gear operator
- Class 6 bubble-tight shut-off

Options

- 2" square operating nut on gear operator

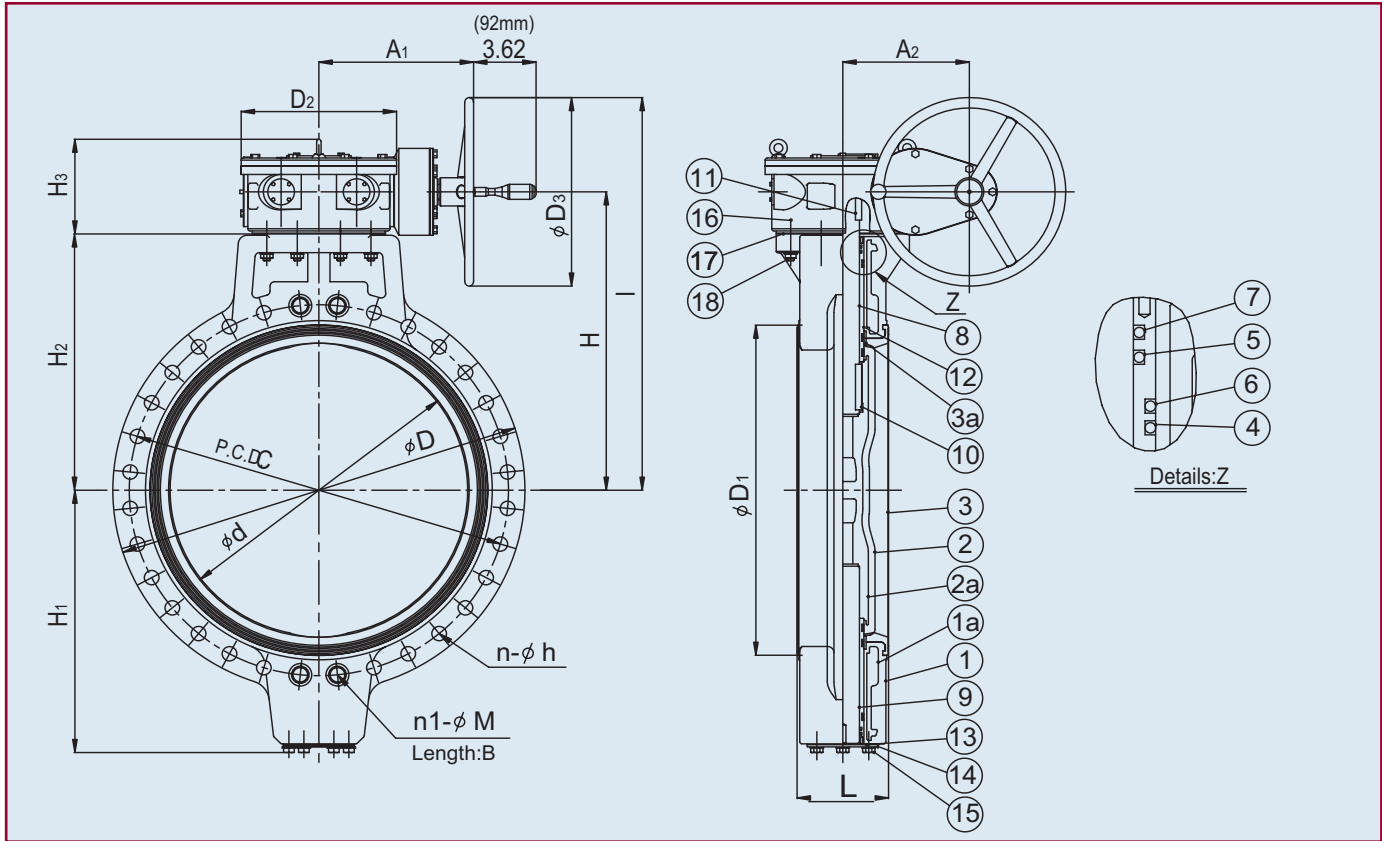
Sample Specification

All PDCPD butterfly valves size 32" shall be of the lined body design and feature a Class 6 bubble-tight seal, with only the liner and disc as wetted parts. Gear operators shall be self-locking worm gear design, with cast iron body and corrosion resistant epoxy finish. The disc shall be spherical design for long life. Liner shall be convex ring face design for lower bolt torque and be molded and formed around the body doubling as mating flange gaskets. Stem shall be 403 stainless steel, non-wetted and of two-piece design. Valves shall have ISO 5211 molded bolt pattern on top flange. All valves shall be rated to a maximum of 110psi at 70° F, as manufactured by Asahi/America, Inc.

Parts List

PARTS			
No.	DESCRIPTION	PCS.	MATERIAL
1	Body	1	PDCPD
2	Disc	1	PDCPD
3	Seat	1	FKM, EPDM
4	O-Ring (A)	11	FKM, EPDM
5	O-Ring (B)	3	FKM, EPDM
6	O-Ring (C)	1	NBR
7	O-Ring (D)	1	NBR
8	Stem (A)	1	Stainless Steel 403
9	Stem (B)	1	Stainless Steel 403
10	Key (A)	1	Carbon Steel
11	Key (B)	4	Carbon Steel
12	Bush	2	Bronze Casting (For EPDM Liner) PVDF (For FKM Liner)
13	Gasket (A)	1	Nonas Sheet
14	Stem Holder	1	Stainless Steel 304
15	Bolt (A)	6	Stainless Steel 304
16	Gear Box	1	Cast Iron (FC200 With Epoxy Coat)
17	Thrust Ring (A)	1	UHMWPE
18	Bolt (B)	8	Stainless Steel 304
3a	Stabilization Ring (A)	2	Stainless Steel 304
1a	Inserted Metal of Body	1	Carbon Steel (FCD450)
1b	Inserted Metal of Disc	1	Carbon Steel (FCD450)

PDCPD Large Diameter Butterfly Valve



Dimensions (in.)

inch	mm	d	C	n	h	h1	M	B	D	D1	D2	D3	L	A1	A2	H1	H2	H3	H	/	Gear Box Model
32	800	30.31	38.50	24	1.62	4	1-1/2	1.38	41.34	34.25	13.78	17.13	9.45	15.83	11.22	24.37	24.41	9.76	28.15	36.50	BRF10

Cv Values

NOMINAL		Cv		
inch	mm	30°	60°	90°
32	800	4,200	17,000	43,000

Press. vs. Temp (non-shock)/Weight (lbs.)

NOMINAL SIZE		Press. Vs. Temp.		Weight (Lbs)
inch	mm	30-120° F	121-175° F	
32	800	110psi	70psi	1015

