

# BUTTERFLY VALVES

## RUBBER LINED, CENTER DISC, SLIM-SEAL DESIGN, |

### WAFER - FLANGELESS, SANDWICH TYPE

J D High Performance Slim-Seal, Concentric disc design Butterfly Valves are reliable, maintenance free shutoff with permanently gas-tight seal with an integrally moulded or replaceable elastomer body liner. J D Butterfly Body having two nos. flange locating holes for sizes up to 12" (300mm) and from and above 04 nos. for easy alignment of valve during installation. Flange locating hole conform to as per ANSI B 16.5 Class 125 & Class 150 / BS 10 Table D, E, F / PN 6, PN 10, PN 16 or other international standard.

This butterfly valves excess other conventional valves such as gate valve and globe valves in all aspects, especially in terms of light weight, less number of component, no flange gaskets required and economical operation and maintenance costs

#### Standard of Compliance

Valve Design : BS 5155 / API 609  
 Pressure Testing : BS 6755 Part I / API 598  
 Face To Face : ANSI B 16.10  
 End Connection : Wafer Type, Flangeless, Sandwich Type  
 Flange Drilling : ANSI B 16.5 / BS 10 Table / DIN / IS Std.  
 Pressure Rating : PN 10 / PN 16

#### Special Options:

P.T.F.E. (PFA/FEP) Lined Butterfly Valve  
 Gear / Pneumatic Rotary Actuator Operated  
 Moulded / Replaceable Seat option  
 Damper Type Butterfly Valve for High Temperature Air Service

#### Material of Construction:

Parts Name	Materials
Body	ASTM A 126 GR. B / Ductile Iron/ ASTM A 216 GR. WCB/ ASTM A 351 GR. CF 8 / CF 8M / CF 3 / CF 3M
Disc	ASTM A 126 GR. B / Ductile Iron/ With Nylon Coating/ ASTM A 216 GR. WCB/ ASTM A 351 GR. CF 8 / CF 8M / CF 3 / CF 3M Aluminium Bronze
Body Seat (Liner)	Nitrile / EPDM / Neoprene / NBR / Silicon / Viton / Hypalon / PTFE
Gland Seal	Nitrile / EPDM / Neoprene / NBR / Silicon / Viton / Hypalon
Stem	AISI 410 / 304 / 316 / 304L / 316L
Hand Lever	C.S. / S.S.
Fasteners	C.S. / S.S. 304/ 316

#### Salient Feature:

Concentric, Slim-Seal Design  
 Soft Seat Design, Zero Leakage  
 Less Weight, Easy To Install  
 Lower Torque with any fluid  
 Permanently tight closure  
 Bi-Directional Valve  
 Smooth, Easy Operation  
 Long Service Life  
 Maintenance Free Version  
 Suitable for On-Off as well Throtting Service  
 Wafer Design Body



#### Dimensions (Rating - PN10/PN16)

Size	Inch	1½"	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"
	DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700
L-F to F		33	43	46	46	52	56	56	60	68	78	92	102	114	127	154	229
ØG-NB		38	50	63	76	87	107	125	203	254	305	350	400	450	500	600	675
A		98	107	113	125	144	175	186	220	251	280	353	365	421	465	516	568
B		66	68	78	87	107	125	148	171	217	245	345	367	408	444	494	545