



## CENTER DISC DESIGN

“Flow-Tech” are a leading manufacturer and Exporters of BUTTERFLY VALVE. This valve is easy and fast to open. A 90° rotation of the handle provides a complete closure or opening of the valve. Butterfly valves are used for on/off or modulating services and are popular due to their light weight, small installation footprint, lower costs, quick operation and availability in very large sizes. These valves can be operated by Handle, Gear, Pneumatic and Electrical Actuators. Butterfly valves can be used for a broad range of applications within water supply, wastewater treatment, fire protection and gas supply, in the chemical and oil industries, in fuel handling systems, power generation etc.

“Flow-Tech” BUTTERFLY VALVE design is developed with following and using international Standard For Having an International Competency with Global Manufacturers.

We “Flow-Tech” follow an international standard and designs to get 100% superior quality with workmanship & service to maintain trust of our Clients and repeat order.



### TECHNICAL DETAIL

DESIGN TYPE	CENTER DISC DESIGN RUBBER LINED
MFG. STANDARD	BS 5155, API 609 & AWWA 504
TESTING STANDARD	API 598 / BS 6755 Part-1
VALVE SEAT LEAKAGE	CLASS VI (Zero Leakage)
FLANGE STANDARD	BS 5155, API 609 & AWWA 504 / ANSI B 16.10
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PRESSURE & TEMPERATURE RATING	ASME B 16.34
PRESSURE CLASS	150#, PN10, PN16
VALVE SIZE	1 1/2" To 40" (40 mm TO 1000 mm)
END CONNECTIONS	WELDED TYPE
FLANGE DRILLING	150#, PN10, PN16, BS10 TABLED / E / F / H
MATERIAL OF CONSTRUCTION	CITIS 210 GR. FG200 ASTM A 216 GR. WCB ASTM A 351 GR. CF8 / CF8M / CF3 / CF3M
OPERATIONS	HANDLE / LEVER (WRENCH) / GEAR PNEUMATIC / ELECTRICAL ACTUATOR

#### FACE TO FACE DIMENSIONS (FLANGED)

INCH	MM	150#
1 1/2"	40	35.0
2"	50	44.0
3"	80	46.0
4"	100	52.0
5"	125	56.0
6"	150	56.0
8"	200	60.0
10"	250	68.0
12"	300	78.0
14"	350	78.0
16"	400	102.0
18"	450	114.0
20"	500	127.0
24"	600	154.0

#### TEST PRESSURE

CLASS	BODY HYDRO TEST		SEAT HYDRO TEST	
	PSIG	KG/CM2	PSIG	KG/CM2
150#	213	15	142	10
Pn10	213	15	142	10
Pn16	300	21	213	15

\*Pressure Testing Time Will be 15 Sec. \*Test With Water only.

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