

RUBBER LINED BUTTERFLY VALVE



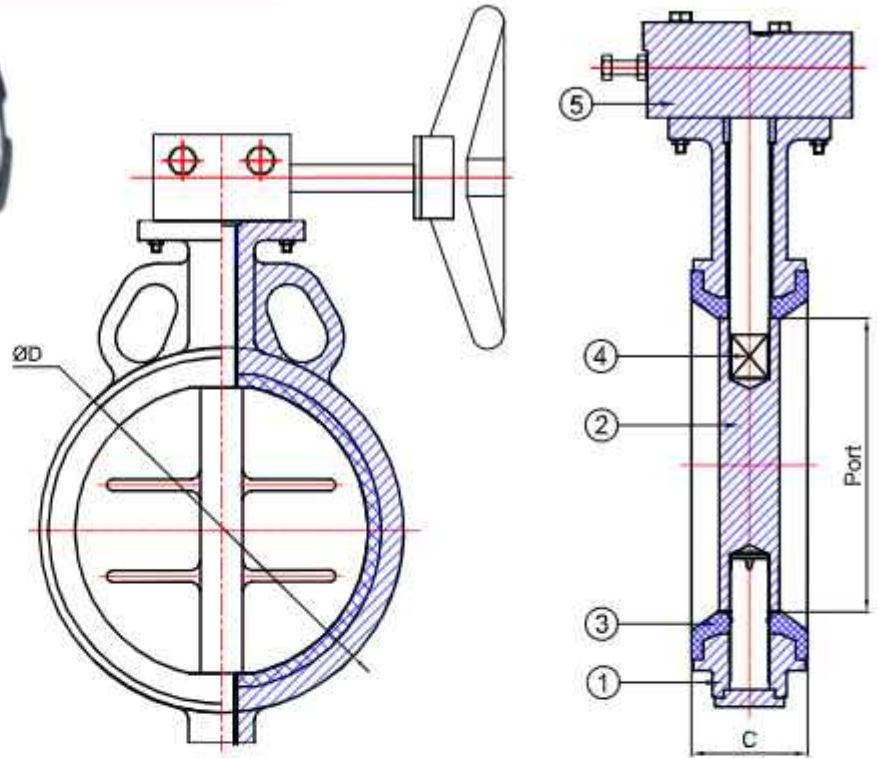
APPROVED P PRODUCTS



RUBBER LINED WAFER TYPE BUTTERFLY VALVE

4Matic®

Industrial Valves and Valve Automation



Item	Type Of Test	Testing Pressure	Temperature	
			Normal	High
Gear	Bubble Test	8 Kg / Cm ²	-20°C To 80°	High Temp. On Request
Valve Body	Hydraulic	15 Kg / Cm ²	Max. 80°C	High Temp. On Request
Seat	Hydraulic	10 Kg / Cm ²	Max. 80°C	High Temp. On Request

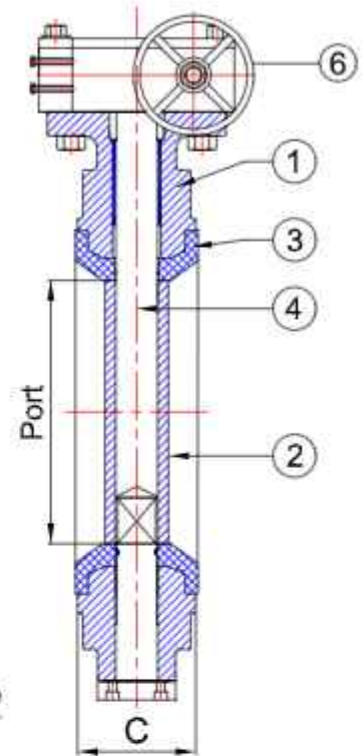
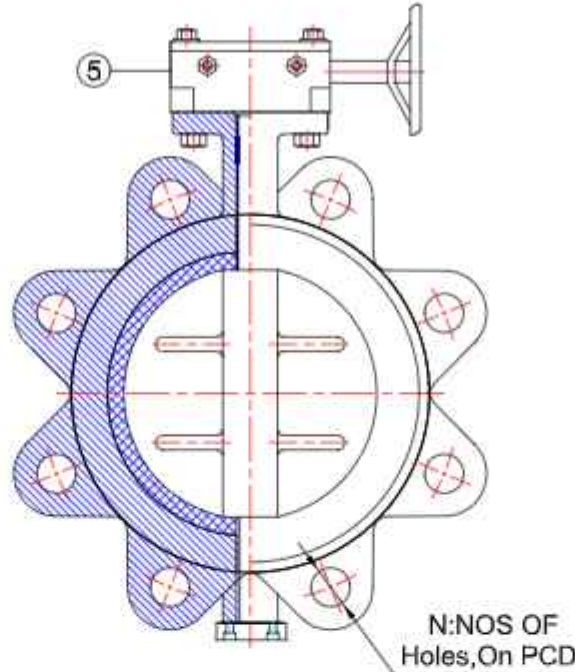
No.	Description	Material
1	Body	ASTM - A 126 Grade B (Gray Iron) ASTM - A 216 Grade WCB (Cast Iron) ASTM - A 536 Grade 65-45-12 (Ductile Iron) ASTM - A 351 Grade CF8 / CF8M / CF3M / CD4MCuN
2	Disc	ASTM - A 126 Grade B (Gray Iron) + Powder Coated ASTM - A 216 Grade WCB (Cast Steel) + Powder Coated ASTM - A 536 Grade 65-45-12 (Ductile Iron) + Powder Coated ASTM - A 351 Grade CF8 / CF8M / CF3M / CD4MCuN S.G. Iron with PTFE / Powder / Nylon / Coated & Rubber Line
3	Seat	Nitrile / EPDM / Viton / Hypelon / Neopren
4	Shaft	AISI 410 / AISI 304 / AISI 316 / AISI316L
5	Gear Box	Standard

Standard :

- Design And Manufactures : API 609 Category A / IS : 13095 / BS EN 593
- Valve Face to Face dimension : Short Wafer As per ISO 5752 TAB 5 / API 609 Category A ISO 5752 TAB 1 / BS EN - 593 / BS EN - 558
- Flange Standard Conformity : ASME B16.5 / 150# / table 'D' , 'E' / IS 6392 Table 11
- Inspection & Testing : API 598 / BS EN 12266 - 1
- Top Flange Drilling : ISO 5211

All Dimensions Are In MM.

Tolerance	1mm	±3mm	±5mm
Valve Size	Port	C	ØD
40MM	40	34	80
50MM	50	44	95
65MM	65	46	108
80MM	80	46	124
100MM	100	52	150
125MM	125	56	186
150MM	150	56	205
200MM	200	60	258.5
250MM	241	68	321
300MM	286	78	368
350MM	333	78	438
400MM	382	102	490
450MM	433	114	602
500MM	476	127	700
600MM	590	154	695
650MM	635	165	740
700MM	680	165	799
750MM	725	190	857
800MM	785	190	912
850MM	810	190	970
900MM	885	203	1025
950MM	935	216	1090
1000MM	965	216	1131
1100MM	1085	254	1245
1200MM	1170	254	1350



No.	Description	Material
1	Body	ASTM - A 126 Grade B (Gray Iron) ASTM - A 216 Grade WCB (Cast Steel) ASTM - A 536 Grade 65-45-12 (Ductile Iron) ASTM - A 351 Grade CF8 / CF8M / CF3M / CD4MCuN
2	Disc	ASTM - A 126 Grade B (Gray Iron) + Powder Coated ASTM - A 216 Grade WCB (Cast Steel) + Powder Coated ASTM - A 536 Grade 65-45-12 (Ductile Iron) + Powder Coated ASTM - A 351 Grade CF8 / CF8M / CF3M / CD4MCuN Ductile Iron With PTFE / Powder / Nylon Coated & Rubber Line
3	Seat	Nitrile / EPDM / Viton / Hypelon / Neopren
4	Shaft	AISI 410 / AISI 304 / AISI 316 / AISI 316L
5	Gear Box	Standard

All Dimensions Are In MM.

Valve Size	Tolerance	
	1mm	±3mm
40MM	40	33.5
50MM	50	43.5
65MM	65	46
80MM	80	46
100MM	100	52
125MM	125	56
150MM	150	56
200MM	200	60
250MM	241	68
300MM	286	78
350MM	333	78
400MM	382	102
450MM	433	114
500MM	476	127
600MM	590	154
700MM	680	165
800MM	785	190
900MM	885	203
1200MM	1170	254

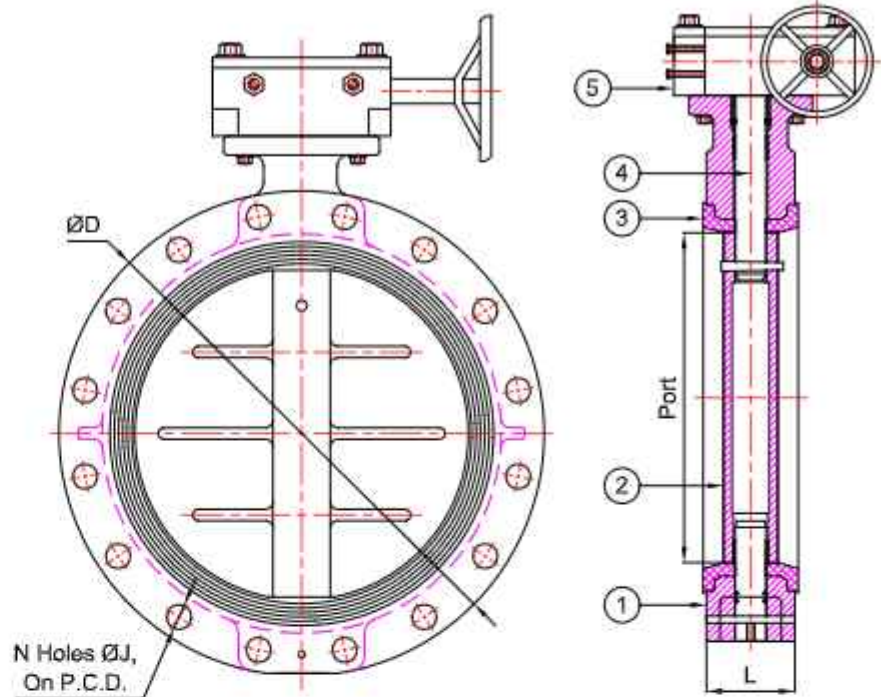
Standard :

- + Design And Manufactures : API 609 Category A / IS : 13095 / BS EN 593
- + Valve Face to Face dimension : Short Wafer As per ISO 5752 TAB 5 / API 609 Category A ISO 5752 TAB 1 (BS EN 593)
- + Flange Standard Conformity : ASME B 16.5 / ASME B 16.47 Series "A" Class 150.
- + Inspection & Testing : API 598 / BS EN 12266 - 1
- + Top Flange Drilling : ISO 5211

RUBBER LINED DOUBLE FLANGE BUTTERFLY VALVE

4Matic®

Industrial Valves and Valve Automation



Test Pressure		
Testing	Body	Seat
Hydraulic PN10	15 Kg/Cm ²	11 Kg/Cm ²
Hydraulic PN16	17.6 Kg/Cm ²	24 Kg/Cm ²

No.	Description	Material
1	Body	ASTM - A 126 Grade B (Gray Iron) ASTM - A 216 Grade WCB (Cast Steel) ASTM - A 536 Grade 65-45-12 (Ductile Iron) ASTM - A 351 Grade CF8 / CF8M / CF3M / CD4MCuN
2	Disc	ASTM - A 126 Grade B (Gray Iron) ASTM - A 216 Grade WCB (Cast Steel) ASTM - A 536 Grade 65-45-12 (Ductile Iron) Ductile Iron With Teflon / Powder / Nylon / Coated & Rubber Line S.G. Iron with PTFE / Powder / Nylon Coated & Rubber Line
3	Seat	Nitrile / EPDM / Viton / Hypelon / Neopren
4	Shaft	AISI 410 / AISI 304 / AISI 316 / AISI 316L
5	Gear Box	Standard

Standard :

- + Design And Manufactures : API 609 Category A / IS : 13095 / BS EN 593
- + Valve Face to Face dimension : Short Wafer As per ISO 5752 TAB 5 / API 609 Category A ISO 5752 TAB 1
- + Flange Standard Conformity : ASME B 16.5 / 16.47 Series "A" 150#
ASME B16.147 Series "B" Dia On Request
- + Inspection & Testing : API 598 / BS EN 12266 - 1
- + Top Flange Drilling : ISO 5211

All Dimensions Are In MM.

Tolerance	1mm	±3mm	±5mm
Valve Size	Port	C	ØD
80MM	80	46	190
100MM	100	52	230
150MM	150	56	280
200MM	200	60	345
250MM	241	68	405
300MM	286	78	485
350MM	333	78	535
400MM	382	102	595
450MM	433	114	635
500MM	476	127	700
600MM	590	154	815
650MM	635	165	870
700MM	680	165	925
750MM	725	190	985
800MM	785	190	1060
900MM	885	203	1170
1000MM	965	216	1290
1200MM	1170	254	1510

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Resilient
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Automatic
Control Valve

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