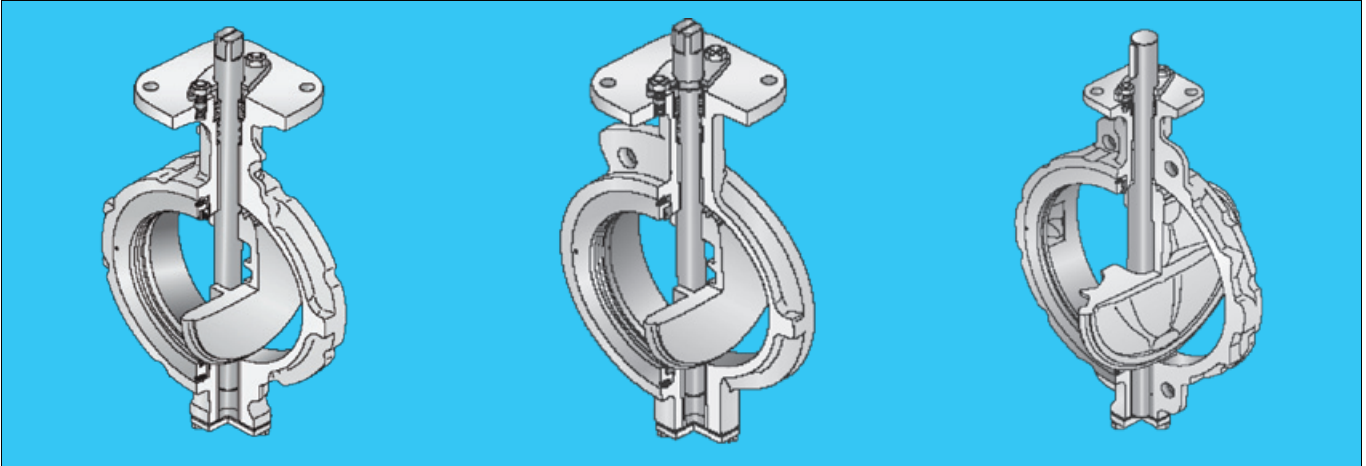


TOMOE BUTTERFLY VALVES


Series 300, Double Offset Butterfly Valves Models 302Y, 304Y, 304A, 304Q, 302A, 303Q

The 300 SERIES of DOUBLE OFFSET butterfly valves provides a range of PTFE, METAL SEATED and FIRESAFE valves to suit a wide range of applications within the 20 barg to 250 C, pressure temperature band, and they provide a cost effective alternative to gate and globe valves.

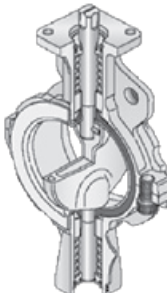


Sizes	from DN40 to DN600
Connection	Wafer, Lugged
Applicable flange standard	DIN PN6, DIN PN10, DIN PN16, ANSI 125Lb/ANSI 150Lb, ISO 2084 NP10/16 JIS 5K, JIS 10K, JIS 16K, JIS 20K, BS10 table E/F, BS4505 PN10/PN16
Seat Type	Teflon seat type, Metal seat type
Face to Face specifications	ISO 5752 (20 series), JIS B2002 (46 series), API 609 (class150), ISO 5752 (25 series)
Max. Working Pressure	up to 2MPa (20barg)
Pressure Rating	depending on model ANSIB16.34, B16.42, , API609, JPI-7S-83
Seat Leakage	depending on model ISO 5208 rate A or rate C , API 598-7th
Working Temperature Range	from -20 degC up to 250 degrees C, up to 600 degC for the model 302A/302Q
Body Material	Ductile iron FCD450-Truffride treated, Carbon Steel SCPH2/WCB Stainless Steel SCS13A/CF8, SCS14A/CF8M
Disc Material	Stainless Steel SCS13A-HdCr plating, SCS16A/CF3M-HdCr plating, SCS 14A/CF8M-HdCr
Seat ring	SUS316, RPTFE-carbonGraphite, RPTFE-carbon reinforced Teflon, SUS316L-HF
Fire Safe for 302A/303Q	API 607-7th
Actuators	Lock lever, Worm Gear, Pneumatic Cylinder, Motorized

High Pressure Rubber Lined Butterfly Valves 731P/732P (Wafer) 731Q/732Q (Lugged)

	Sizes	50A to 300A
	Applicable flange standard	JIS10K, 16K, 20K, ANSI 125Lb, 150Lb, DIN PN10, PN16, PN 25
	Face to Face	ISO 5752 (series 20), JIS B2002(2032), BS5155
	Max Working Pressure	1,6MPa - 2,0MPa
	Vaccum Conditions	2,0 torr or over
	Temperature	minus 20 degC to 120 degC
	Body Material	Ductile Iron FCD450/A395, Carbon Steel SCPH2/WCB
	Disc Material	Stainless Steel SCS14/CF8M
	Seat Ring	NBR, EPDM
	Operation	Lock Lever, Worm Gear, Center Handle, Pneum., Electric Actuator

Series 800 Polymeric(PTFE) Seated Butterfly valves 846T, 847T, 843T, 845T (Wafer), 847T(Lugged)

	Sizes	DN50 to DN600
	Applicable flange standard	DIN PN10, ANS125Lb/150Lb, BS4504 PN10, BS 10Table E
	Face to Face	ISO 5752 wafer short, JIS B2002-serie46, Manufacturer standard
	Max Working Pressure	0,7Mpa to 1,0MPa
	Special Features	Tight shut-off, Bi-directional
	Temperature	minus 20 degC to 200 degC depending on seat and disc material
	Body Material	Ductile Iron FCD450, ASTM A395
	Disc Material	Stainless Steel SCS14(CF8M), PFA Lining, PTFE(back-up CR), PPS
	Seat Ring	Stainless Steel SCS14(CF8M), PFA Lining, FCD-S+PTFE, PPS
	Operation	Lock Lever, Worm Gear, Center Handle, Pneum., Electric Actuator