

Butterfly valves Double Flanged Eccentric Resilient type Ductile Iron PN16/25

REEP brand RBV400 model ductile iron butterfly valve, Double flanged type with double eccentric disc, supported by bronze radial bearings for smooth operation, rubber sealing on disc. The high quality rubber sealing and eccentric construction ensure reduced torque and a long lifetime. The body with centering holes for easy pipe alignment is suitable for mounting between flanges according to DIN PN 10/16/25 or ASME 150#. Face to face dimensions are according to ISO5752/EN558 basic series 13/14. For easy adaption of both manual and automatic actuators the valve is executed with a top flange according to ISO 5211 standard. WRAS and NSF certified coating & rubber are available upon request. Also available on Lead-Free by special instructions.

Material Specification

Component	Material	EN and/or (DIN/ASTM)
Body	Ductile Iron	400-15(GGG40/65-45-12)
Disc	Ductile Iron	400-15(GGG40/65-45-12)
Sealing	EPDM/NBR/FKM	
Stem	Stainless Steel	A276 SS410/431
O-ring	EPDM/NBR/FKM	

Options

- Other materials, pressure rating, flange connection and larger sizes available upon request.
- Available with EN 10204.3.1 certificate
- Manual, Pneumatic, electric or hydraulic actuator, see actuator section
- series 400 butterfly valves can be used for maritime systems for media such as (ballast) water, gases, hydrocarbons and light corrosive media up to a maximum of 16 bar (PN 16 execution).

Pressure and temperature range

Size	Liner	Pressure rating	Temperature range	Max. operating
DN100-DN1200	NBR or EPDM	PN 16	NBR -10°/+80 °C, EPDM -10°/+120 °C	16 [bar]
DN1300-DN2000	NBR or EPDM	PN 10	NBR -10°/+80 °C, EPDM -10°/+120 °C	10 [bar]
DN100-DN600	NBR or EPDM	PN 25	NBR -10°/+80 °C, EPDM -10°/+120 °C	25 [bar]
DN100-DN600	FKM	PN 16	-10°/+180 °C	16 [bar]

Ordering information

Ordering code	DN [mm]	Flange Drilling	Type
RBV400A	100 - 2000	As per order	S13 F-F
RBV400B	100 - 2000	As per order	S14 F-F
RBV400X	SPECIFIC CUSTOM MADE		

Dimensions

DN	L(400A)	L(400B)	DN	L(400A)	L(400B)
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
100	127	190	1000	410	550
150	140	210	1200	470	630
200	152	230	1400	530	710
250	165	250	1600	600	790
300	178	270	1800	670	870
350	190	290	2000	760	950
400	216	310			
450	222	330			
500	229	350			
600	267	390			
700	292	430			
800	318	470			
900	330	510			

REEP



• Fig. RBV400A (S13 series F-F)
RBV400B (S14 series F-F)

- DN 100 - 2000
- Pressure rating PN 10 - 16 - 25
- Face To Face EN 558-1, S 13/14
- Various actuation available
- Custom made available

