

# Butterfly valves

## Double Flanged Centric Resilient type

### Long Face to face PN10/PN16

REEP brand RBV346 model ductile iron butterfly valve, Double flanged type with centric disc, supported by bronze radial bearings for smooth operation, rubber lined body. The high quality rubber liner and bearings 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 or ASME 150#. Long Face to face dimensions are according to ISO5752/EN558 basic series 13. 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)
Disc	Stainless Steel	CF8/CF8M/4A/5A
Disc	Aluminium Bronze	C95400/C95800
Liner	EPDM/NBR/FKM/PTFE	
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 346 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	
DN50-DN1200	NBR or EPDM	PN 16	NBR -10°/+80 °C, EPDM -10°/+120 °C	16	[bar]
DN1300-DN2200	NBR or EPDM	PN 10	NBR -10°/+80 °C, EPDM -10°/+120 °C	10	[bar]
DN50-DN200	NBR or EPDM	PN 25	NBR -10°/+80 °C, EPDM -10°/+120 °C	25	[bar]
DN50-DN600	FKM	PN 16	-10°/+180 °C	16	[bar]
DN50-DN300	PTFE	PN 10	-10°/+200 °C	10	[bar]

#### Ordering information

Ordering code	DN [mm]	Flange Drilling	Type
RBV346A	50 - 2200	As per order	Shaft with pin OP
RBV346B	50 - 1200	As per order	Double Shaft OP
RBV346X	SPECIFIC CUSTOM MADE		

#### Dimensions

DN	L	H	W	DN	L	H	W
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
50	108	110	80	600	267	508	432
65	112	134	80	700	292	560	488
80	114	131	95	750	305	610	517
100	127	150	114	800	318	620	544
125	140	170	114	900	330	692	615
150	140	180	139	1000	410	735	669
200	152	210	175	1200	470	917	794
250	165	245	203	1300	490	990	968
300	178	276	242	1400	530	1000	1066
350	190	328	250	1500	570	1050	950
400	216	376	316	1600	600	1150	1054
450	222	407	341	1800	670	1200	1164
500	229	433	367	2000	760	1360	1363
				2200	800	1500	1445

# REEP



• Fig. RBV346

- DN 50 - 2200
- Pressure rating PN 10 - 16 - 25
- Long face To Face EN 558-1, S 13
- Various materials available
- Various actuation available
- Custom made available

