

# Butterfly valves

## Double Flanged Centric Resilient type

### Short face to face PN10/PN16/PN25

REEP brand RBV357/358/367 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#. Short face to face dimensions are according to ISO5752/EN558 basic series 20, API 609, DIN 3202 K1 and BS 5155. 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 357 butterfly valves can be used for heavy duty applications 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]
DN50-DN300	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 As per	Type
RBV357A/358A/367A	50 - 1200	As per order	Shaft with pin OP
RBV357B/358B/367B	50 - 1200	As per order	Double Shaft OP
RBV357C/358C/367C	50 - 300	As per order	Splined Shaft OP
RBV357X/358X/367X	SPECIFIC CUSTOM MADE		

#### Dimensions

DN	L	H	W	DN	L	H	W
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
50	42	161	80	600	151	562	468
65	45	175	89	650	172	540	484
80	45	181	95	700	165	626	530
100	51	200	114	750	167	660	565
125	55	213	127	800	188	666	602
150	55	226	139	900	203	722	661
200	60	260	175	1000	216	806	724
225	67	275	190	1050	251	865	784
250	67	292	203	1100	253	820	804
300	76	337	242	1200	276	938	869
350	76	368	267				
400	102	400	316				
450	114	422	334				
500	127	480	370				
550	151	533	432				

# REEP



- Fig. RBV357 (Bonded liner)  
RBV358 (Replaceable liner without backing)  
RBV367 (Replaceable liner with backing)

- DN 50 - 1200
- Pressure rating PN 10 - 16 - 25
- Short face To Face EN 558-1, S 20
- Various materials available
- Various actuation available
- Custom made available
- Heavy duty application design

