

# Butterfly valves

## Lug Centric Resilient type

### PN10/PN16/PN25

REEP brand RBV257/258/267 model ductile iron butterfly valve, Lug 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#. 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 257 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	
DN40-DN700	NBR or EPDM	PN 16	NBR -10°/+80 °C, EPDM -10°/+120 °C	16	[bar]
DN40-DN300	NBR or EPDM	PN 25	NBR -10°/+80 °C, EPDM -10°/+120 °C	25	[bar]
DN40-DN600	FKM	PN 16	-10°/+180 °C	16	[bar]
DN40-DN300	PTFE	PN 10	-10°/+200 °C	10	[bar]

#### Ordering information

Ordering code	DN [mm]	Flange Drilling As per	Type
RBV257A/258A/267A	40 - 700	As per order	Shaft with pin OP
RBV257B/258B/267B	40 - 700	As per order	Double Shaft OP
RBV257C/258C/267C	40 - 300	As per order	Splined Shaft OP
RBV257X/258X/267X	SPECIFIC CUSTOM MADE		

#### Dimensions

DN	L	H	W	DN	L	H	W
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
40	33	110	68	600	151	562	468
50	42	161	80	650	172	540	484
65	45	175	89	700	165	626	530
80	45	181	95				
100	51	200	114				
125	55	213	127				
150	55	226	139				
200	60	260	175				
250	67	292	203				
300	76	337	242				
350	76	368	267				
400	102	400	316				
450	114	422	334				
500	127	480	370				
550	151	562	468				

# REEP



- Fig. RBV257 (Bonded liner)
- RBV258 (Replaceable liner without backing)
- RBV267 (Replaceable liner with backing)
- DN 40 - 700
- Pressure rating PN 10 - 16 - 25
- Face To Face EN 558-1, series 20
- Various materials available
- Various actuation available
- Custom made available

