

Butterfly valves

Grooved ends Resilient type

PN16/PN20

REEP brand RBV480 model ductile iron butterfly valve, Grooved ends type with rubber lined centric disc, and two-piece shaft design. The internally and externally epoxy coated body has ASME/DIN standard grooved connections on the extremes which makes this valve suitable to connect to the piping by means of 3-piece couplings, consisting of two shell clamps and a rubber sealing ring. This type of connection reduces the cost of installation significantly. For manual operation these valves come with a handlever or gearbox with handwheel. Furthermore, these valves feature an extended neck for insulation purposes. WRAS and NSF certified coating & rubber are available upon request.

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)	
Liner	EPDM		
Stem	Stainless Steel	A276 SS410/431	
O-ring	EPDM		

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
- Applications of model 480 can be used in HVAC, cooling water and fire-fighting systems, up to a maximum working pressure of 20 bar.

Pressure and temperature range

Size	Liner	Pressure rating	Temperature range	Max. operating	
DN50-DN300	EPDM	PN 16	-10°/+120 °C	16	[bar]
DN50-DN300	EPDM	PN 20	-10°/+120 °C	20	[bar]

Ordering information

Ordering code	DN [mm]	Connection	
RBV480A	50 - 300	ASME Groove	
RBV480B	50 - 300	DIN Groove	

Dimensions

DN	L	H	W
[mm]	[mm]		
50	82.4	100	80
65	76.1/96.8	106	89
80	96.8	112.5	95
100	115.85	135	114
125	139.7/147.6	148.7	127
150	147.6/165.1	176	139
200	133.4	204	175
250	158.8	228.1	203
300	163.6	266.2	242

REEP



• Fig. RBV480

- DN 50 - 300
- Pressure rating PN 16 - 20
- Various materials available
- Various actuation available
- Custom made available

