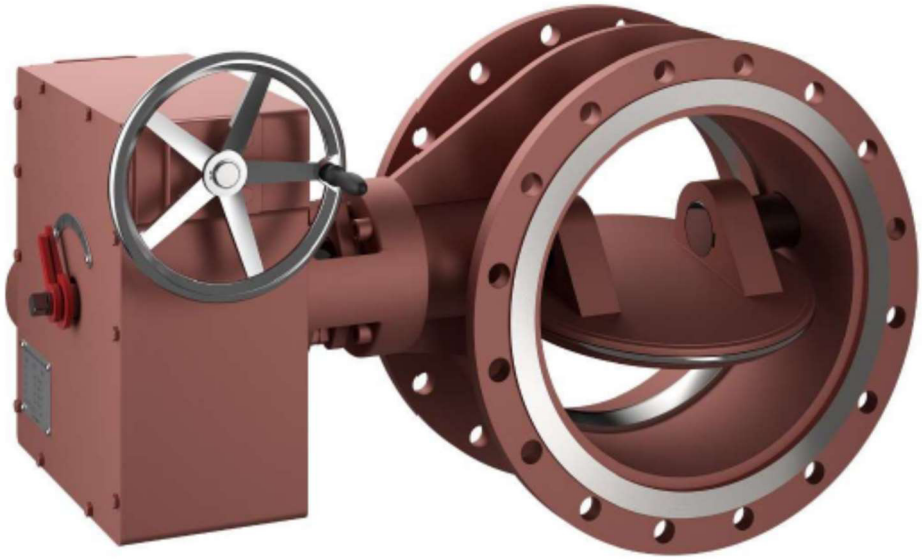
- **Type**: combined butterfly/check valve (type RA)

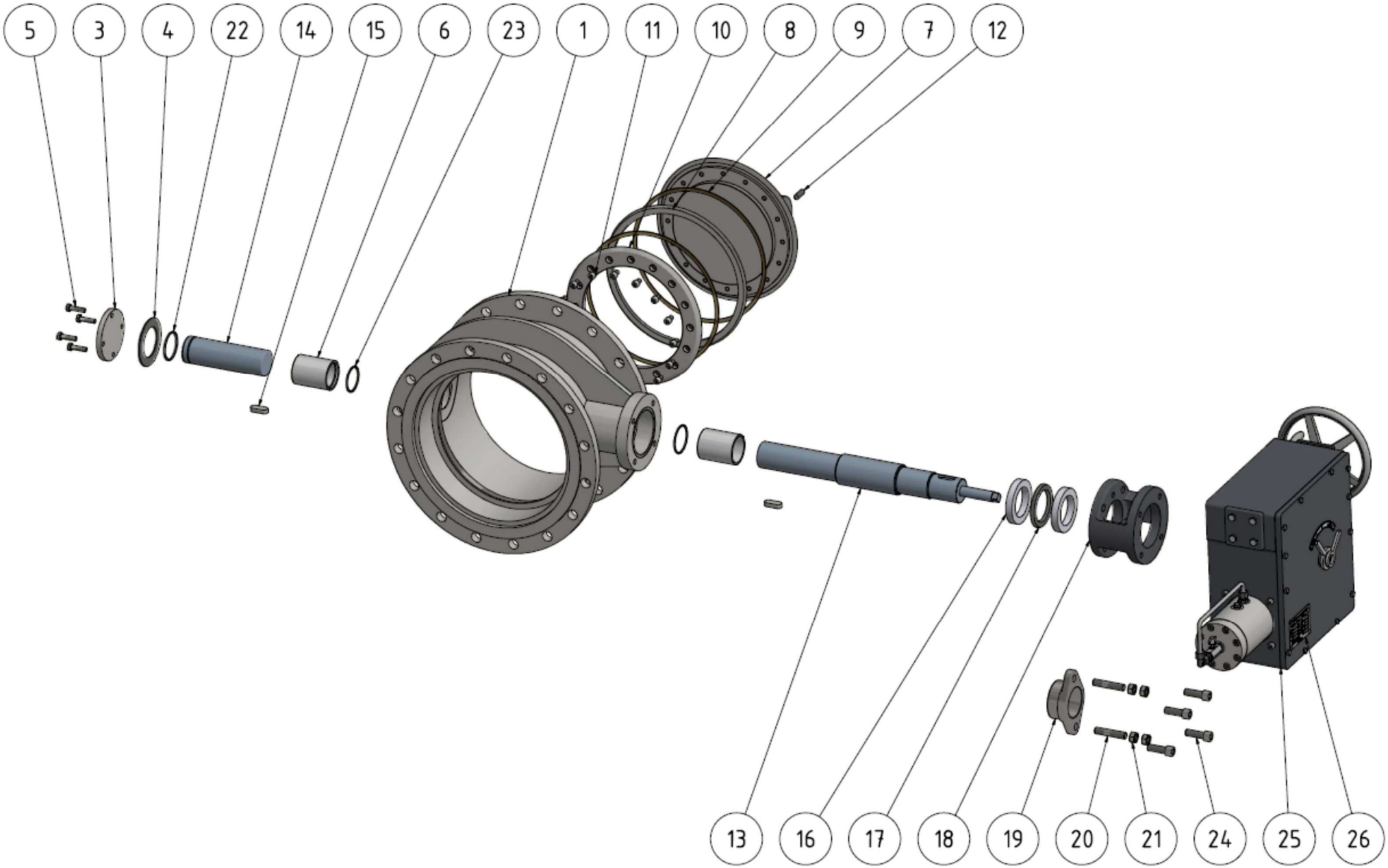


- **Design**: Industrial valve in double eccentric disc design welded design
- **Nominal size:** DN 100 – DN 2000
- **Nominal pressure:** Up to PN 63
- **Temperature range:** -196 to +550 °C
- **Flange connection:** DIN, ANSI, BS, MSS, API, JIS etc.
  butterfly valves with butt weld ends (up to DN 800)
- **Face-to-face length:** DIN EN 558-1 / ISO 5752 series 14 (F4)
  or to customer specification
- **Material:** High-temperature pressure vessel steel 1.0425 (P265 GH/HII), 16 Mo3
  Stainless steel 1.4541, 1.4571, 1.4301, 1.4401, 1.4439
  Duplex 1.4462, Super-Duplex 1.4501, 1.4410, a.o.
- **Lining**: Hard rubber, soft rubber, natural rubber, hard material coating
- **Disc seal**: NBR (Perbunan®), PTFE, 1.4571 graphite or PTFE lamellas, stainless steel
- **Shaft seal**: Stuffing box, double or safety stuffing box, U-seal and O-ring NBR or FKMU-seal and pressure ring PTFE, Double U-seal and O-ring made of NBR, FKM
- **Drive**: Combined shut-off and check gear with hydraulic brake

EXENTROMAT®

Type series RA - exemplary

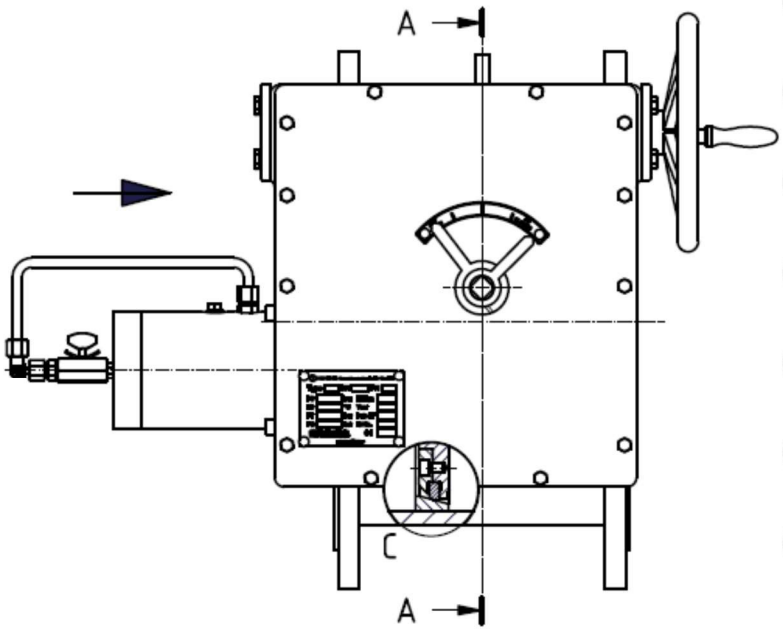
KONRAD Armaturentechnik

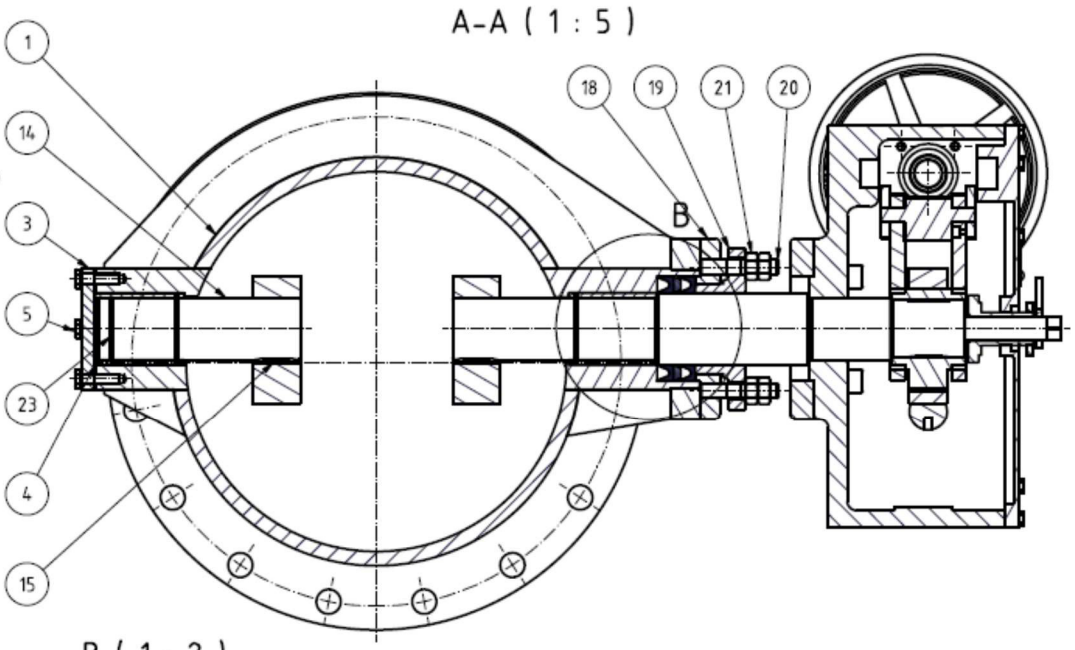


EXENTROMAT®

Type series RA - exemplary

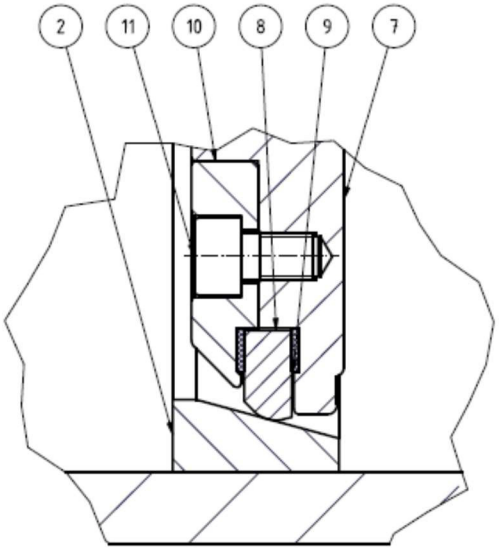
KONRAD Armaturentechnik

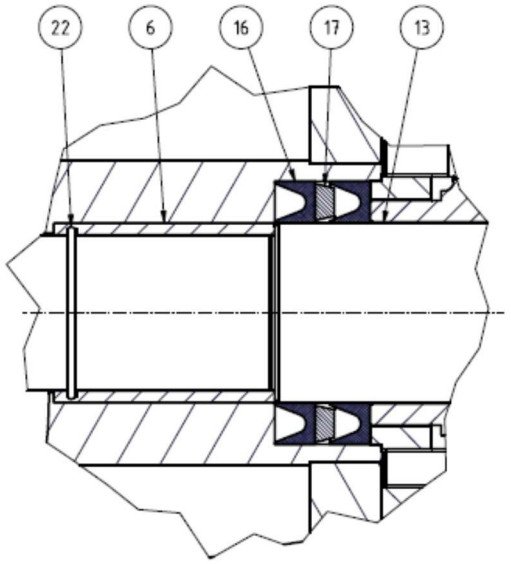


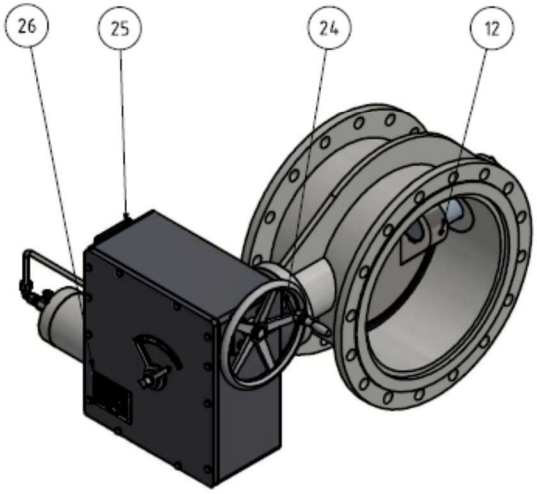


B (1 : 2)

C (1 : 1)







EXENTROMAT®

Type series RA

Parts list

KONRAD Armaturentechnik

Part	Nomination	Quantity	Material	DIN No.	Dimensions
1	Valve Body	1	P265GH		
2	Seat ring	1	1.4301		
3	Gasket	1	EN-GJL-250		
4	Cover Gasket	1	Graphite		
5	Screw	4	8.8	DIN 933	
6	Bush	2	PTFE		
7	Disc	1	P265GH		
8	Disc sealing	1	1.4122		
9	Intermediate sealing ring	2	Graphite		
10	Retaining ring	1	P265GH		
11	Screw	16	8.8	DIN 912	
12	Set Screw	2	45H	DIN 914	
13	Drive shaft	1	1.4057		
14	Counter shaft	1	1.4057		
15	Paralell key	2	C45K	DIN 6885	
16	U-seal	1	NBR		
17	Pressure ring	5	PTFE		
18	Intermediate spacer	1	EN-GJL-250		
19	Gland flange	2	1.4571		
20	Stud bold	2	A4-70	DIN 939	
21	Nut	4	A4-70	DIN 934	
22	O-ring	2	FEP-FKM	DIN 2093	
23	O-ring	2	FEP-FKM		
24	Screw	4	8.8	DIN 912	
25	Gear RA	1	EN-GJL-250		
26	Name plate	1			