


PN 10 - DN 150...1200

KAT-A 1352-F

Product characteristics and benefits

- Resilient seated in accordance with EN 593
- Face-to-face length acc. to EN 558-1, basic series 20 or 13 (DIN 3202)
- Flange connection on both sides acc. ANSI B16.1 Class 125/150 or DIN PN 10/16
- For bolting between pipe flanges
- Replaceable rubber sleeve with integrated seal for functionally reliable use for flared flanges, welding flanges, PE flanges as well as loose flanges with V-collar
- Tight in both flow directions
- With bare shaft and actuator flange connection acc. to ISO 5211
- Centric disk, mounted in maintenance-free bearing bushes
- As end-of-line valve for flange connection to pipeline flanges

Materials

- Body: Ductile iron EN-GJS-400-15 (GGG-40)
- Disk: Ductile iron EN-GJS-400-15 (GGG-40)
- Shaft end: Stainless steel 1.4021
- Collar: EPDM

Corrosion protection

- Body: Internally and externally epoxy coated
- Disk: Epoxy coated

Versions

- Standard version as described
- With electric actuator
- With notched hand lever
- With pneumatic actuator
- With worm gear unit and handwheel
- Bigger sizes available on request
- Disk: Aluminium-Bronze, stainless steel, steel casting, duplex steel
- Shaft: duplex steel, super-duplex steel

Field of application

- Installation in plants
- Water treatment
- Water distribution
- Filtration
- Other applications on request


Tests and approvals

- Final inspection test according to NF EN 12266 (DIN 3230 part 4)
- DVGW tested and registered

Note

By short length (series 20) it is not possible to mount screw-nuts between the flanges.

For proper installation and safe operation please follow the installation and operation instructions:

KAT-B 1352

Operating conditions

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
150...1200	10	10	50
150...1200	16	16	50

Pressure test acc. to EN 12266

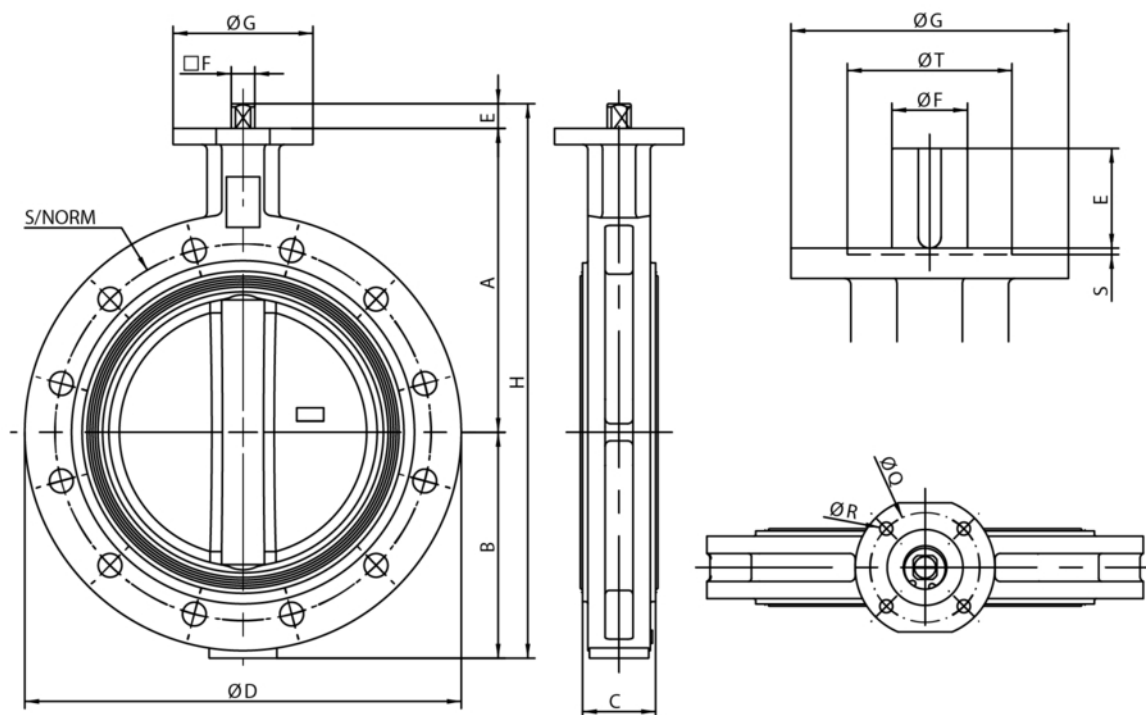
Test pressure body with water [bar]	Test pressure seat with water [bar]
15	11
24	17.6

VAG CEREX® M300-F Butterfly Valve

Double flange type

Water

Drawing



DN 150-500 with square end, DN 600-1600 with shaft

Technical data

PN 10

DN		150	200	250	300	350	400	450	500	600	700	750	800
A	[mm]	193	225	282.2	308	338.5	380	380.5	432.5	494	590	590	630
C	[mm]	56	60	68	78	78	102	114	127	154	165	190	190
D	[mm]	285	345	406	480	535	597	640	700	834	910	995	1060
E	[mm]	33	33	23	23	31	31	38	38	80	106	106	106
G	[mm]	90	90	130	130	160	160	190	210	210	300	300	300
B	[mm]	143	172.5	210	240	268	308	340	380	440	490	530	565
F	[mm]	14	17	22	22	22	27	36	36	60	65	80	80
H	[mm]	369	430.5	515.5	571	637.5	719	758.8	850.5	1014	1186	1226	1301
ISO		F-07	F-07	F-10	F-10	F-10	F-12	F-14	F-14	F-16	F-25	F-25	F-25
T	[mm]	-	-	70	70	70	85	100	100	130	200	200	200
Weight of valve approx.	[kg]	11	18.4	30.8	45.5	54.4	79.2	106.9	134.5	223.9	278.4	373.5	412.5

Dimensions are also valid for PN 16



Technical data

PN 10

DN		900	1000	1100	1200
A	[mm]	695	770	815	875
C	[mm]	203	216	216	254
D	[mm]	1170	1290	1405	1485
E	[mm]	110	110	110	110
G	[mm]	300	300	350	350
B	[mm]	610	675	733	818
F	[mm]	80	80	80	100
H	[mm]	1415	1555	1658	1803
ISO		F-25	F-25	F-25	F-30
T	[mm]	200	200	200	230
Weight of valve approx.	[kg]	528	704.7	877.1	1094

Dimensions are also valid for PN 16