

PN 16 - DN 50...300

KAT-A 1331-G-Gu-Wafer

Product characteristics and benefits

- Resilient seated in accordance with EN 13774 (DIN 3352 - 4A)
- Face-to-face length acc. to EN 558-1, basic series 20 (DIN 3202 / K1)
- Wafer-type for flanges acc. to EN 1092-2
- Centric disk, mounted in three maintenance-free bearing bushes
- For installation 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
- Stable sealing seat due to collar with vulcanized support ring
- Vacuum tight up to 1 Torr
- Tight in both flow directions
- With bare shaft and actuator flange connection acc. to ISO 5211
- For gases according to DVGW Guideline G 260

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: NBR

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
- Optimised version for low working pressure 5 bar available

Field of application

- Installation in plants


Tests and approvals

- Final inspection test acc. to DIN 3230-5 PG3
- DVGW tested and registered

Note

For proper installation and safe operation please follow the installation and operation instructions:
KAT-B 1331

Gas pipeline applications

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for gasses to DVGW G 260 [°C]
50...300	16	16	50

Pressure test acc. to EN 12266

Test pressure body with water [bar]	Test pressure body with air [bar]	Test pressure seat with air [bar]
24	0.5	0.5

Gas system applications

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for gasses to DVGW G 260 [°C]
50...300	16	16	50

Pressure test acc. to EN 12266

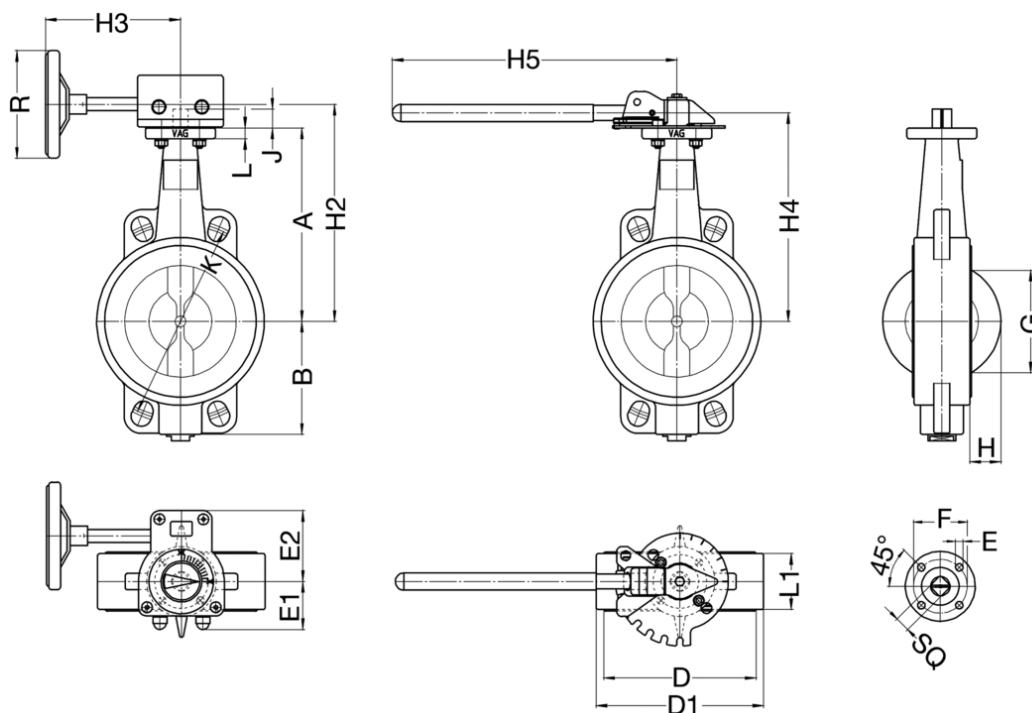
Test pressure body with water [bar]	Test pressure body with air [bar]	Test pressure seat with air [bar]
24	0.5/17.6	0.5/17.6

VAG CEREX® 300-W Butterfly Valve

disk made of cast iron - wafer-type

Gas

Drawing



Technical data

PN 16

DN		50	65	80	100	125	150	200	250	300
A	[mm]	125	132	140	180	190	220	240	275	300
D	[mm]	87	102	112	142	161	201	252	301	356
E	[mm]	7	7	7	7	7	10	10	12	12
G	[mm]	31	51	69	91	115	149	188	239	288
L	[mm]	10	10	10	10	10	12	12	14	14
B	[mm]	72	80	87	113	123	155	175	205	230
D1	[mm]	98	114	132	156	185	216	286	323	377
E1	[mm]	48	48	48	48	48	48	56	56	79
E2	[mm]	66	66	66	66	66	66	75	75	95
F	[mm]	50	50	50	50	50	70	70	102	102
H	[mm]	5	12	19	27	37	52	70	91	111
H2	[mm]	155	160	170	210	220	250	270	305	340
H3	[mm]	120	120	120	120	120	180	195	195	295
H4	[mm]	140	146	155	195	205	238	258	-	-
H5	[mm]	225	225	225	225	225	305	305	-	-
ISO		F05	F05	F05	F05	F05	F07	F07	F10	F10
J	[mm]	12	12	12	16	16	19	19	24	24
K	[mm]	125	145	160	180	210	240	295	355	410
L1	[mm]	43	46	46	52	56	56	60	68	78
R	[mm]	125	125	125	125	125	200	200	200	300
SQ	[mm]	11	11	11	14	14	17	17	22	22
Number of assembling holes		4	4	4	4	4	4	4	4	4
Weight of valve approx.	[kg]	2.5	3.1	4	5.1	7	8.9	18.5	22.3	34.8
Weight with notched hand lever	[kg]	3.2	3.8	4.6	5.8	7.6	9.9	19.5	-	-
Weight with gearbox approx.	[kg]	3.8	4.4	5.3	6.4	8.3	10.3	20.4	24.2	37.7