



PN 10 - DN 50...150

KAT-A 2410-HH

Product characteristics and benefits

- Face-to-face length acc. to EN 558-1, basic series 20 (DIN 3202 / K1)
- With flange end acc. to EN 1092-2, PN 10
- Full-flange design, both as wafer type and for pipeline end installation, without additional counter flange at full differential pressure
- Full-flange design with unrestricted flow passage
- Leakproof from both flow directions
- Horizontal sealing adjustable during operation and replaceable with the valve installed in the pipeline
- Scraper installed on both sides of the plate to clean the knife
- With clamping lever to fix the knife in final position

Materials

- Body parts, bearing plate and gland: Cast iron EN-JL 1040 (GG 25)
- Knife: Stainless steel 1.4571
- U-sealing and horizontal sealing: Elastomer (NBR)
- Yoke - sheet metal construction: Stainless steel 1.4301
- Fittings: Stainless steel A2 (DIN EN ISO 3506)
- Clamping lever: Stainless steel 1.4305

Corrosion protection

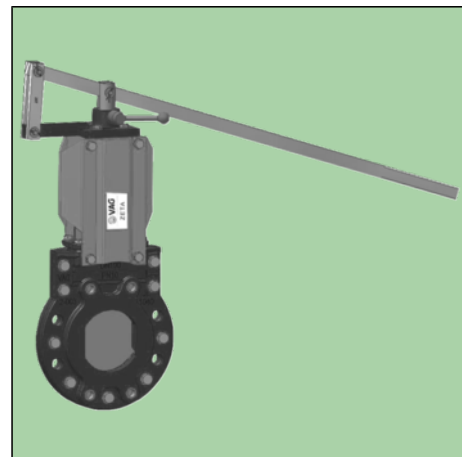
- Cast iron parts: Epoxy coated

Versions

- Standard version as described

Field of Application

- Installation in plants
- Waste water system



Tests and approvals

- Final inspection test acc. to EN 12266 (DIN 3230 Part 4)

Note

For information about thread depths and bolt/screw lengths, please refer to the relevant Installation and Operating Instructions.

For proper installation and safe operation please ensure that you read the installation and operation instructions: KAT-B 2410-HR

Field of application

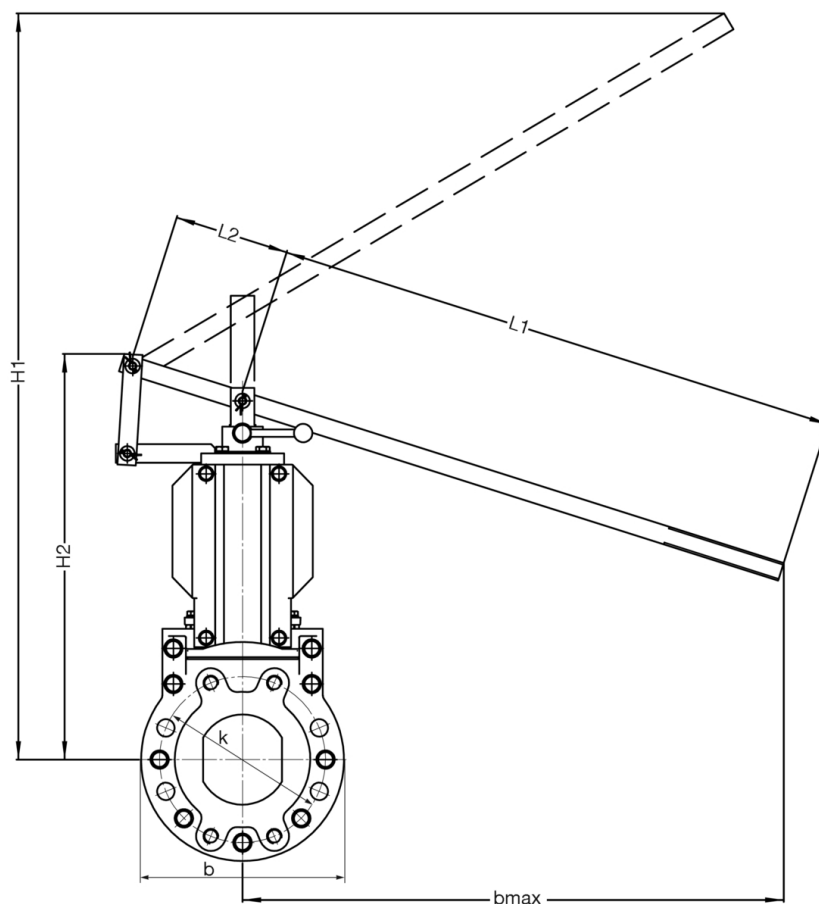
DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
50...150	10	1	50

Tightness only ensured up to maximum admissible operating pressure

Pressure test acc. to EN 12266

Test pressure body with water [bar]	Test pressure seat with water [bar]
1.5	1

Drawing



GSL: threaded hole DL: through hole

Technical data

PN 10

DN	50	65	80	100	125	150
PS [bar]	1	1	1	1	1	1
b [mm]	165	185	200	220	250	285
bmax [mm]	615	615	615	615	820	820
k [mm]	125	145	160	180	210	240
Flange drilling x M	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16	8 x M20
DL	-	-	4	4	4	4
DL Ø	-	-	19	19	19	23
GSL per side	4	4	4	4	4	4
GSL thread	M16	M16	M16	M16	M16	M20
Hand lever H1 [mm]	515	625	750	810	910	1115
Hand lever H2 [mm]	335	350	380	440	500	540
Hand lever L1 [mm]	615	615	615	615	820	820
Hand lever L2 [mm]	125	125	125	125	170	170
Turns/stroke	13	17	20	25	32	30
Weight with hand lever approx. [kg]	12.0	15.0	16.0	19.0	24.0	30.0