



PN 10 - DN 700...1200

KAT-A 2410-RO-XL

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
- Specially shaped horizontal sealing with double quad ring profile and integrated PTFE sliding rails for reducing operation forces
- Scraper installed on both sides of the plate to clean the knife
- With AUMA spur gear GST for connecting to ROTAG system

Materials

- Body parts, bearing plate and gland: Cast iron EN-JL 1040 (GG 25)
- Knife: Stainless steel 1.4301
- U-sealing and horizontal sealing: Elastomer (NBR)
- Fittings: Stainless steel A2 (DIN EN ISO 3506)
- Yoke and sheet metal covering: Stainless steel 1.4301
- Stem: Stainless steel 1.4021

Corrosion protection

- Cast iron parts: Epoxy coated

Versions

- Standard version as described
- Gate: Stainless steel 1.4571
- Stem: Stainless steel 1.4057

Field of Application

- Chamber installation
- 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

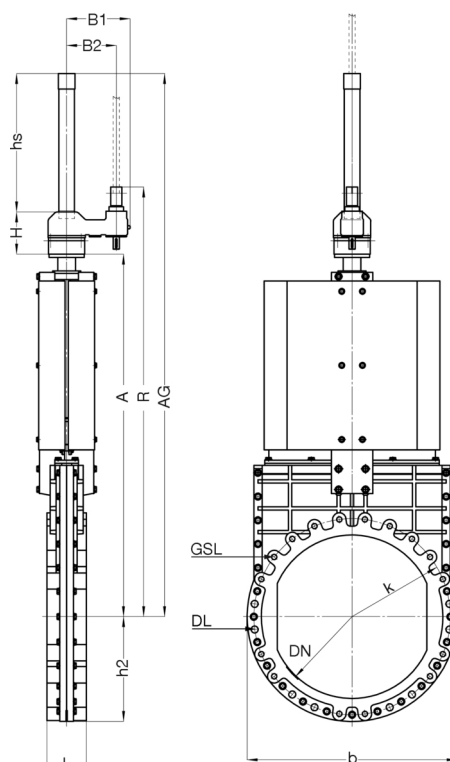
DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
700...800	10	4	50
900...1200	10	2.5	50

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]
6	4
3.75	2.5

Drawing



GSL: threaded hole DL: through hole

Technical data

PN 10

DN		700	800	900	1000	1200
PS	[bar]	4	4	2.5	2.5	2.5
A	[mm]	1580	1760	1945	2130	2430
AG	[mm]	2370	2630	2920	3210	3760
B1	[mm]	307	307	307	307	370
B2	[mm]	240	240	240	240	300
H	[mm]	205	205	205	205	260
L	[mm]	165	190	203	216	254
R	[mm]	1915	2080	2270	2460	2770
b	[mm]	895	1015	1115	1230	1455
h2	[mm]	447.5	507.5	557.5	615	727.5
k	[mm]	840	950	1050	1160	1380
Connection ISO 5210		F14	F14	F14	F14	F16
Actuator type A drilled		TR 36 x 6 LH	TR 36 x 6 LH	TR 44 x 8 LH	TR 44 x 8 LH	TR 60 x 9
Gearbox type		AUMA GST 14.1 (i2:1)	AUMA GST 14.1 (i2:1)	AUMA GST 14.5 (i2,8:1)	AUMA GST 14.5 (i2,8:1)	AUMA GST 16.1 (i5,6:1)
Length of protective jacket (hs)		600	700	800	900	1100
Flange drilling x M		24 x M27	24 x M30	28 x M30	28 x M33	32 x M36
DL		8	8	10	10	8
DL Ø		31	34	34	37	41
GSL per side		16	16	18	18	24
GSL thread		M27	M30	M30	M33	M36
Turns/stroke		233	267	315	350	750
Weight with actuator approx.	[kg]	600.0	720.0	850.0	1200.0	1800.0