



null 10 - null 50...600
KAT-A 2410-EA

Product characteristics and benefits

- Face-to-face length acc. to EN 558, 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

Materials

- Body parts, bearing plate and gland: Cast iron EN-GJL-250 (GG-25)
- U-sealing and horizontal sealing: Elastomer (NBR)
- Yoke - sheet metal construction: Stainless steel A2
- Knife (DN 50-350): Stainless steel A4
- Knife (DN 400-600): Stainless steel A2
- All connecting parts: stainless steel A2 (DIN EN ISO 3506)
- Stem: Stainless steel 1.4021
- Stem nut: Brass

Corrosion protection

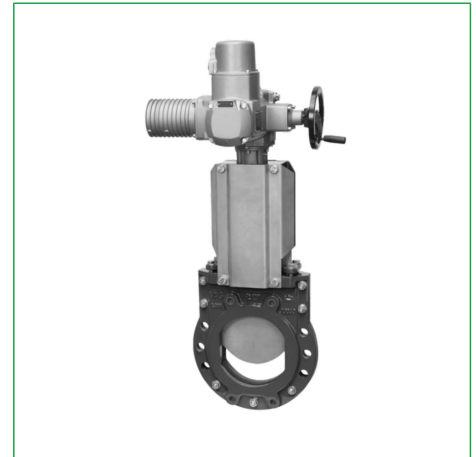
- Cast iron parts: Epoxy coated

Versions

- Electric actuator - VAG standard / AUMA rotary drive (actuator)
- Operating mode: S2 - 15 min
- Mains voltage: Three-phase 400 V / 50 Hz
- Speed: 63 rpm
- Connection form: Form A - rising
- Heating in the derailer room: 110V to 250V
- Electrical connection - plug cover: with M-threads (1 x M20x1.5 / 1 x M25x1.5 / 1 x M32x1.5)
- Temperature version: Standard -30 ° C to + 70 ° C
- Protection class: IP68
- Corrosion protection: KS
- Color: silver gray
- Mechanical position indicator
- Flasher
- AUMA circuit diagram: TPA 00R1AA-101-000

Field of application

- Chamber installation
- Installation in plants
- Wastewater systems



Tests and approvals

- Final inspection test acc. to EN 12266

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 follow the installation and operation instructions:
null

Field of application

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
50...300	10	10	50
350...400	10	8	50
500...600	10	6	50

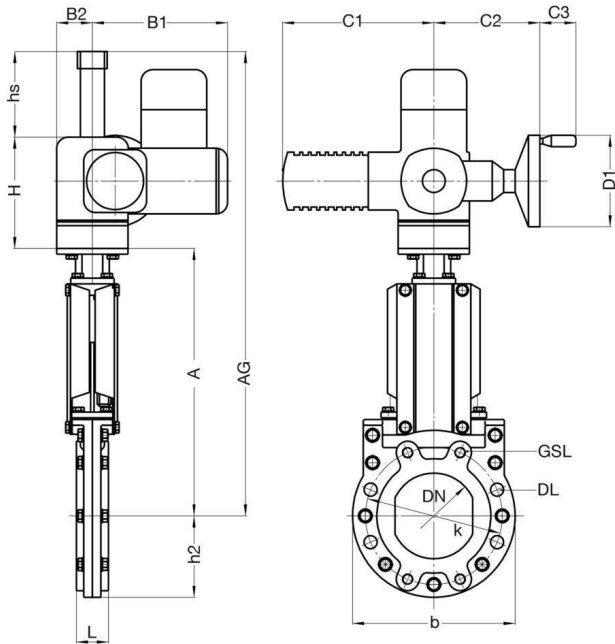
Pressure test acc. to EN 12266

Test pressure body with water [bar]	Test pressure seat with water [bar]
15	10
12	8
9	6

Tightness only ensured up to maximum admissible operating pressure



Drawing



GSL: threaded hole DL: through hole

Technical data

10

-	50	65	80	100	125	150	200	250	300	350	400	500
[bar]	10	10	10	10	10	10	10	10	10	8	8	6
[mm]	290	302	337	373	426	468	566	695	785	903	1014	1233
[mm]	603	615	650	686	739	781	879	1090	1180	1321	1532	1851
[mm]	43	46	46	52	56	56	60	68	78	78	102	127
[mm]	165	185	200	220	250	285	340	395	445	505	565	670
[mm]	125	145	160	180	210	240	295	350	400	460	515	620
[mm]	237	237	237	237	237	237	237	237	237	247	247	247
[mm]	62	62	62	62	62	62	62	62	62	65	65	65
[mm]	265	265	265	265	265	265	265	265	265	282	282	282
[mm]	186	186	186	186	186	186	186	186	186	191	191	191
[mm]	63	63	63	63	63	63	63	63	63	63	63	63
[mm]	160	160	160	160	160	160	160	160	160	200	200	200
[mm]	195	195	195	195	195	195	195	195	195	218	218	218
[sec]	12	16	19	24	30	29	38	48	57	56	64	80
[mm]	83	93	100	110	125	143	170	198	223	253	283	335
	F10	F10	F10	F10	F10	F10	F10	F10	F10	F10	F10	F10
	Tr 20 x 4 LH	Tr 20 x 4 LH	Tr 20 x 4 LH	Tr 20 x 4 LH	Tr 20 x 4 LH	Tr 26 x 5 LH	Tr 26 x 5 LH	Tr 26 x 5 LH	Tr 26 x 5 LH	Tr 32 x 6 LH	Tr 32 x 6 LH	Tr 32 x 6 LH
	SA 07.6	SA 07.6	SA 07.6	SA 07.6	SA 07.6	SA 07.6	SA 07.6	SA 07.6	SA 07.6	SA 10.2	SA 10.2	SA 10.2
	-	-	-	-	-	-	100	200	200	200	300	400
	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16	8 x M20	8 x M20	12 x M20	12 x M20	16 x M20	16 x M24	20 x M24
	0	0	0	0	0	0	60	110	160	180	230	330
	-	-	19	19	19	23	23	23	23	23	26	26
	-	-	4	4	4	4	4	4	4	6	6	6
	4	4	4	4	4	4	4	8	8	10	10	14
	M16	M16	M16	M16	M16	M20	M20	M20	M20	M20	M24	M24
	12,5	16	20	25	31	30	40	50	60	59	67	84
[kg]	32,0	34,0	35,0	38,0	43,0	48,0	60,0	91,0	113,0	153,0	193,0	309,0



Technical data

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-	600
[bar]	6
[mm]	1412
[mm]	2090
[mm]	154
[mm]	780
[mm]	725
[mm]	285
[mm]	90
[mm]	384
[mm]	235
[mm]	94
[mm]	315
[mm]	278
[sec]	95
[mm]	390
	F14
	Tr 32 x 6 LH
	SA 14.2
	400
	20 x M27
	400
	30
	6
	14
	M27
	100
[kg]	430,0