Zertifiziertes QM-System
DIN EN ISO 9001
Zertifikat-Nr. 01017

Butterfly Isolating Valves

Manually operated

measuring • monitoring • analysing

KLA

- p_{max}: PN 16; t_{max}: +180 °C
- Connection:
  Wafer flange housing
- Housing:
  GGG-40, aluminium
- Butterfly disc:
  Stainless steel, St C22
- Seals:
  NBR, EPDM, FKM
- DN 40 ... DN 300

Z1

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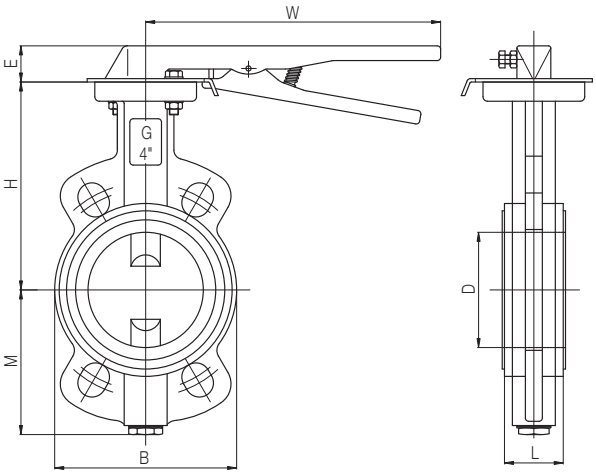
Design
One-piece construction. For mounting between two flanges.

Materials
Housing:	Aluminium alloy, GGG-40
Disc:	1.4408, St C22 (KLA-TAH only)
Shaft seal:	NBR
Shaft:	Stainless steel 1.4016
Bushing:	Bronze
Sleeve:	EPDM, FKM
Handle:	Aluminium alloy

Technical Details
Connections:	Flanges DN 40 ... DN 300
Temperature range:	EPDM: -35 °C ... +120 °C FKM: -20 °C ... +180 °C

Operating pressure
• between 2 flanges:	max. 16 bar (GGG housing) max. 10 bar (Aluminium housing)
• end valve:	max. 6 bar
Operation:	Rotation of the handle through 90°, with 10 snap-in positions

KLA-TA



Dimensions
Flange [DN]	H [mm]	M [mm]	B [mm]	D [mm]	L [mm]	E [mm]	W [mm]	Weight [kg]
40	130	75	84	49	33	40	265	2.2
50	138	81	102	43	43	40	265	3.0
65	148	89	116	46	46	40	265	3.5
80	158	110	133	46	46	40	265	4.0
100	173	128	160	52	52	40	265	6.0
125	186	140	190	56	56	40	265	7.2
150	202	155	214	56	56	40	265	9.5
200	240	190	265	60	60	47	350	18.0
250	270	220	320	68	68	47	350	25.0
300	300	247	373	78	78	47	350	35.0

Dimensions (Example: **KLA-TA 7 E F40**)

Order no.	Housing	Seal	Connection size
KLA-TA	**7** = Aluminium **H** = GGG-40	**E** = EPDM **F** = FKM	**F40** = DN 40 **F50** = DN 50 **F65** = DN 65 **F80** = DN 80 **F1H** = DN 100 **F1Z** = DN 125 **F1F** = DN 150 **F2H** = DN 200 **F2F** = DN 250 **F3H** = DN 300

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