

ERU Knife Gate Valves K1

wafer type and as end-of-line valve,
face-to-face dimension to EN 558-1, basic series 20, former DIN 3202, part 3, series K1
with handwheel, with non-rising stem

Range of application: for liquid and viscous media

Size DN	Pressure rating PN	Hydrost. test pressure ⁴⁾ in bars for		Max. admissible working pressure in bars at a working temperature of up to 70 °C	Prod. No.
		body water	seat water		
50 - 300	10	17	11	10	4655 1800 4655 1873

When placing the order, please specify flow medium, concentration, working pressure, and working temperature.

Flange connecting dimensions B DN 50 - 150, PN 16, GI, type 21, EN 1092-2,
partially with threaded holes

Flange connecting dimensions B DN 200 - 300, PN 10, GI, type 21, EN 1092-2,
partially with threaded holes

Bolt holes off raised face

Materials/Equipment

Corrosion protection of body components	EKB epoxy coating, blue, RAL 5015
Body components	Lamellar cast iron EN-JL1040 ³⁾
Gate	Stainless steel 1.4301
Profile seal resilient, preset/adjustable	Elastomer / PTFE bronze
U-shaped sealing element enclosed in body	Elastomer
Stem	Stainless steel 1.4021.05
Stem nut	Brass
Connecting parts	Stainless steel A2, DIN-ISO 3506

The valve is closed by turning the stem in clockwise direction.

4655 1800: PN 10, with non-rising stem and stem square

4655 1873: PN 10, with non-rising stem and handwheel

Dimensions

Size DN	Face-to-face dimension L mm	Height H mm	Handwheel dia. D mm	Turns per travel approx. ¹⁾	Square s mm	Handwheel displacement c mm	Weight kg ²⁾
50	43	323	200	12	14	19.5	10
65	46	348	200	16	14	19.5	11
80	46	378	200	20	14	19.5	13
100	52	416	250	25	17	22	17
125	56	456	250	31	17	22	20
150	56	509	250	30	19	25.5	26
200	60	600	300	40	19	25.5	39
250	68	713	300	50	19	32	64
300	78	832	400	60	24	35	93

¹⁾ Turns refer to single trapezoidal thread to DIN 103.

²⁾ Net (without obligation).

³⁾ Corresponds to former DIN description 0.6125 (GG-25).

⁴⁾ According to EN 12266 and EN 1074

Note:

For the prevention of accidents, a protective box covering the travelling range of the gate will be mounted on request.

epoxy coating
EKB
epoxy coating

