

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 K3

Range of application: for liquid and viscous media

Size DN	Pressure rating PN	Hydrost. test pressure ⁵⁾ in bars for		Max. admissible working pressure in bars at a working temperature of up to 70 °C	Prod. No.
		body water	seat water		
350	10	17	11	10	4655 1873
400 - 600	4 ³⁾	6	4,4	4	4605 1873

Flange connecting dimensions B DN 350 - 600, PN 10, GI, type 21, EN 1092-2,
partially with threaded holes

Bolt holes off raised face

Materials/Equipment¹⁾

Corrosion protection of body components	EKB epoxy coating, colour "blue", RAL 5015
Body components	Lamellar cast iron EN-JL1040 ⁴⁾
Gate	Stainless steel 1.4301
Profile seal resilient, preset/adjustable	Elastomer / PTFE
U-shaped sealing element	Elastomer, steel-reinforced
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.

Dimensions

4655 1873, PN 10 with non-rising stem and handwheel. 4605 1873, PN 4 with non-rising stem and handwheel.							
Size DN	Face-to-face dimension L mm	Height H mm	Handwheel dia. D mm	Turns per travel approx.	Square s mm	Handwheel displacement c mm	Weight kg ²⁾
350	78	935	400	70	24	26	135
400	102	1016	400	80	24	26	165
500	127	1265	500	84	24	35	255
600	154	1442	500	100	27	35	370

¹⁾ Other materials on request.

²⁾ Net (without obligation).

³⁾ Valves DN 400 - 600, PN 6 on request.

⁴⁾ Corresponds to former DIN description 0.6125 (GG-25).

⁵⁾ 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

