

KNIFE GATE VALVE

Knife Gate Valve

REF EFC-519

SPECIFICATIONS

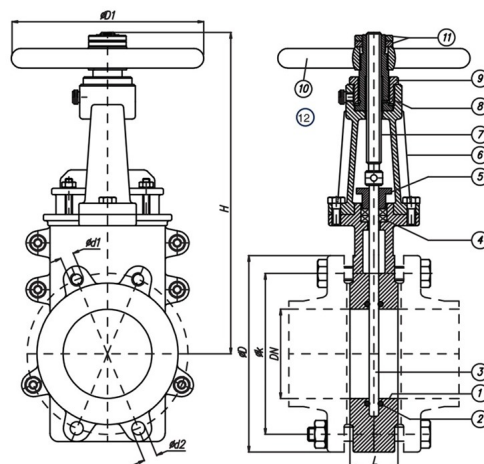
Size	DN50 to DN1000
Pressure	PN2 to PN16
End connection	Wafer (DIN EN 1092-2) / Lug (DIN EN 1092-2) / Semi-lug (DIN EN 1092-2)
Face-to-face	EN 558 Serie 20
Temperature	-20°C to 120°C
	Range across the material options offered. The limit of a given build follows its grade.

ACTUATION

- Handwheel

STANDARDS

Inspection & test	DIN EN 12266
Flange & end dimension	DIN 2501, TS 810, DIN EN 1092-2



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

EFC-519 · Specifications confirmed at quote

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MATERIALS

Body	GG25, GG640, GSC25, SS304, SS316, Bronze	Body Seat	EPDM, NBR, PTFE, Viton
Knife	AISI 304, AISI 316	Packing	Graphite, PTFE
Packing Nut	GG25, GG640, GSC25, SS304, SS316, Bronze	Yoke	GG25, GG640, GSC25, SS304, SS316, Bronze
Stem	SS420, SS304, SS316	Yoke Nut	GG640, Bronze
Catering Nut	Bronze, SS420	Handwheel	GG620
Handwheel Nut	Steel	Oil Nipple	Galvanized, SS304

FEATURES

- Face-to-face per EN 558 Series 20
- Maximum pressure rating PN16
- Size range DN50 to DN1000
- Wafer, lug and semi-lug end connection options
- Multiple body and seat material options
- Knife (gate) in AISI 304 or AISI 316 stainless steel
- Graphite or PTFE packing options
- Oil nipple provision for lubrication

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SECTION Dimensions per size REF EFC-519

SIZE	L	H	D1	PN10 ØD	PN10 ØK	PN10 ØD1XN	PN10 ØD2XN	PN16 ØD	PN16 ØK	PN16 ØD1XN	PN16 ØD2XN	WEIGHT
DN50	43	450	200	165	125	M16x2	M18x2	165	125	M16x2	Ø18x2	12 kg
DN65	46	470	200	185	145	M16x2	M18x2	185	145	M16x2	Ø18x2	13 kg
DN80	46	500	200	200	160	M16x2	M18x2	200	160	M16x2	Ø18x2	15 kg
DN100	52	550	225	220	180	M16x2	M18x2	220	180	M16x2	Ø22x2	19 kg
DN125	56	600	225	250	210	M16x2	M18x2	250	210	M20x2	Ø22x2	23 kg
DN150	56	650	250	285	240	M22x2	M20x2	285	240	M20x4	Ø22x4	29 kg
DN200	60	750	250	340	295	M22x2	M20x2	340	295	M24x4	Ø26x4	43 kg
DN250	68	870	315	395	350	M20x4	M22x4	405	355	M24x6	Ø26x6	68 kg
DN300	78	1000	360	445	400	M20x6	M22x4	460	410	M27x6	Ø30x6	98 kg
DN350	78	1100	400	505	460	M24x6	M26x6	520	470	M24x6	Ø26x6	142 kg
DN400	102	1200	400	565	515	M24x6	M26x6	580	525	M27x6	Ø30x6	170 kg

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Dimensions per size (continued) · EFC-519

SIZE	L	H	D1	PN10 ØD	PN10 ØK	PN10 ØD1XN	PN10 ØD2XN	PN16 ØD	PN16 ØK	PN16 ØD1XN	PN16 ØD2XN	WEIGHT
DN500	127	1400	400	670	620	M27x6	M30x6	715	650	M30x6	Ø33x6	262 kg
DN600	154	1600	500	780	725	M27x8	M30x8	840	770	M33x6	Ø36x6	382 kg
DN700	165	1850	630	895	840	M30x8	M33x8	910	840	M36x8	Ø36x8	550 kg
DN800	190	2100	630	1015	950	M30x8	M33x8	1025	950	M36x8	Ø39x8	950 kg
DN900	203	2350	630	1115	1050	M30x8	M33x8	1125	1050	M39x14	Ø39x14	1250 kg
DN1000	216	2600	630	1230	1160	M33x14	M36x14	1255	1170	M39x14	Ø42x14	1500 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

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