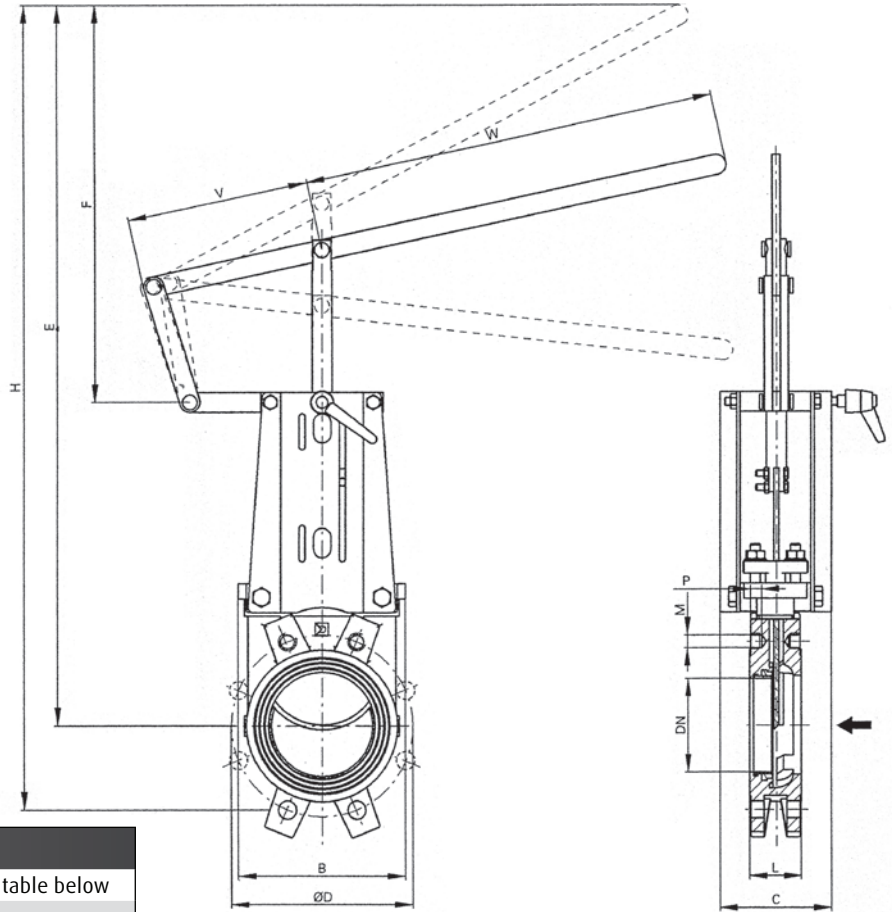


LV 5808  
LV 5818

## Cast Iron Knife Gate Valve – Unidirectional – LV 5808 Stainless Steel Knife Gate Valve – Unidirectional – LV 5818

to suit PN10, Lever Operated  
See following pages for more technical information



### Pressure/Temperature Ratings

Size	50mm - 300mm see table below
Temperature	-35°C to +120°C

Material List	5808	5818
Body	GG25	CF8M
Gate	Stainless Steel 304	Stainless Steel 316
Seat	EPDM	EPDM
Seat Options	Metal/Nitrile, PTFE, Viton or Silicon	Metal/Nitrile, PTFE, Viton or Silicon

### Dimensions

DN	ØD	H	L	B	C	E	F	V	W	n	M	P	bar	Kg
50	125	488	43	116	102	444	217	115	325	4	M16	8	10	8
65	145	552	46	131	102	501	264	115	325	4	M16	9	10	9
80	160	629	46	146	102	555	311	115	325	8	M16	9	10	10
100	180	720	52	166	112	637	398	170	400	8	M16	9	10	13
125	210	845	56	197	112	478	482	170	400	8	M16	9	10	17
150	240	961	56	222	112	850	564	170	400	8	M20	10	10	20
200	295	1151	60	275	130	1015	608	340	600	8	M20	10	8	34
250	350	1403	68	332	130	1234	768	340	600	12	M20	12	7	50
300	400	1654	78	386	130	1459	908	340	600	12	M20	12	6	66

## Technical Data for all Knife Gate Valve Products

<b>Design:</b>	center body consists of 1 part to be mounted between two flanges according to EN 1092-1 type 11 form B -PN10 (former DIN 2501), ANSI 150 on request.	<b>Temperature range:</b>	metal: on request NBR: -25°C ... +90°C EPDM: -35°C ... +120°C PTFE, FKM, Silicone – on request
<b>Media:</b>	liquid and soiled media with fibre particles, viscous media, drain water, sludge, food etc. (plastic granulates, powder, sand or similar media on request). Not suitable for steam.	<b>Face to face:</b>	EN 558-1 row 20
<b>Body:</b>	GG-25 (grey cast iron), polyester-coated (heat treatment by 190°C, 20min) or stainless steel 1.4408	<b>Design:</b>	1-part body, flange-dimensions and drilling holes according to PN10 (ANSI on request) Grinded knife 3-part gland Stem cover ready for mounting limit switches (DN350 ... DN400 on request) Double stem bearing, knife is lead against or towards the sealing at the end of the closing process, thus avoiding any friction during the adjusting process and causing a lower torque Stand handwheel St 37, no casting
<b>Sealing:</b>	metal/metal, NBR, EPDM (FKM or PTFE on request)	<b>Leaking rate:</b>	Please note that you have to calculate for all metallic sealing knife-gate-valves with a leaking rate of appr. 0.4% of the Kv-value (for liquid media).
<b>Gland:</b>	3-piece sealing set: 2 x natural fibre, PTFE-coated 1 x NBR-, EPDM or FKM-ring		
<b>Knife:</b>	stainless steel 1.4301 or 1.4401		
<b>Stem:</b>	stainless steel 1.4301 or 1.4401		
<b>Handwheel:</b>	steel, lacquered		
<b>Pressure discharge:</b>	one-sided, two-sided on request		
<b>Stem:</b>	not rising		
<b>Pressure range:</b>	please refer to the table		