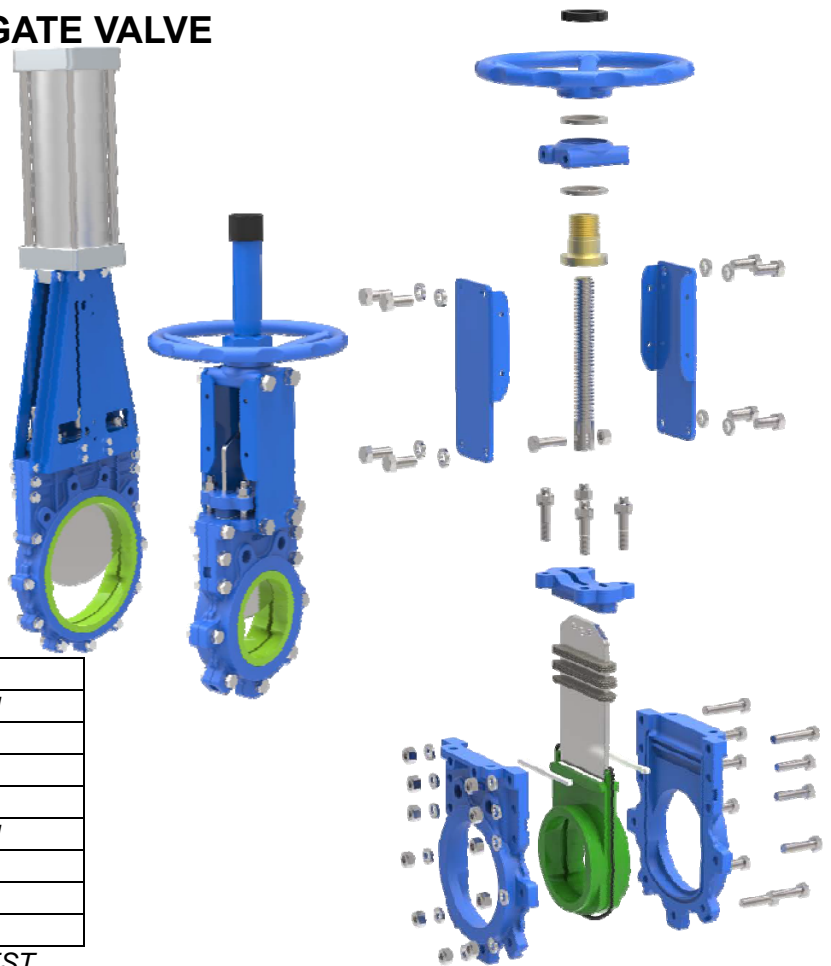


**CAST STEEL OR STAINLESS STEEL  
WAFER TYPE BI-DIRECTION KNIFE GATE VALVE**

**DESIGN DESCRIPTION:**

- Design: JB/T8691-2013;
- Face To Face: GB/T15188.2-94 chart6-7
- Manufacture: Factory STD;
- Flange: ANSI B16.1 125LBS, DIN2531/2532/2533;
- Bolt cover; Fully guider; Soft seal;
- Bi-Direction type and 2-pc body;
- Working Pressure:
  - ◆ DN50-DN200 16bar
  - ◆ DN250-DN400 10bar
  - ◆ DN450-DN600 8bar
  - ◆ DN650-DN800 6bar
- Material and Working Temp.:
  - ◆ Buna-N: 71 °C(160°F) Maximum
  - ◆ EPDM: 80°C(176°F) Maximum
  - ◆ PTFE: 120°C(248°F) Maximum



**PARTS AND MATERIAL:**

PARTS NAME	MATERIALS
BODY	ASTM A216 WCB/A531 CF8/CF8M
CLEAN	PTFE
KNIFE	F55/F53/SS304/SS316/2205
STEM	2Cr13/SS304/SS316
GLAND	ASTM A216 WCB/A531 CF8/CF8M
PACKING	PTFE+NBR
SEAL	EPDM/NBR/FKM
SEAT	POLYURETHANE

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

**DIMENSIONS LIST(UNIT:MM):**

DN	NPS	PN6/PN10/16						CLASS125/150					
		L	D0	N-Th	T	d	H1	L	D0	N-Th	T	d	H1
50	2"	48	180	4-M16	13	∅18	260	48	180	4-5/8"	13	∅19	260
65	2-1/2"	48	200	4-M16	13	∅18	292	48	200	4-5/8"	13	∅19	292
80	3"	51	200	8-M16	13	∅18	320	51	200	4-5/8"	13	∅19	320
100	4"	51	240	8-M16	13	∅18	358	51	240	8-5/8"	13	∅19	358
125	5"	57	260	8-M16	16	∅18	395	57	260	8-3/4"	16	∅22	395
150	6"	57	280	8-M20	16	∅23	450	57	280	8-3/4"	16	∅22	450
175	7"	57	280	12-M20	20	∅23	504	-	-	-	-	-	-
200	8"	70	300	8-M20	20	∅23	532	70	300	8-3/4"	20	∅22	532
250	10"	70	320	12-M20	20	∅23	670	70	320	12-7/8"	20	∅25	670
300	12"	76	350	12-M20	20	∅23	758	76	350	12-7/8"	20	∅25	758
350	14"	76	400	16-M20	20	∅23	857	76	400	12-1"	20	∅29	857
400	16"	89	450	16-M24	24	∅27	946	89	450	16-1"	24	∅29	946
450	18"	89	500	20-M24	24	∅27	1023	89	500	16-1-1/8"	24	∅32	1023
500	20"	114	500	20-M24	24	∅27	Gear	114	500	20-1-1/8"	24	∅32	Gear
550	22"	114	-	20-M27	24	∅30	Gear	114	-	20-1-1/4"	24	∅35	Gear
600	24"	114	-	20-M27	27	∅30	Gear	114	-	20-1-1/4"	27	∅35	Gear
650	26"	-	-	-	-	-	-	114	-	24-1-1/4"	27	∅35	Gear
700	28"	127	-	24-M27	27	∅30	Gear	127	-	28-1-1/4"	27	∅35	Gear
750	30"	-	-	-	-	-	-	127	-	28-1-1/4"	27	∅35	Gear
800	32"	127	-	24-M30	30	∅33	Gear	127	-	28-1-1/2"	30	∅41	Gear

Remark: Our design can be suitable for all standard (BS, DIN, ANSI, JIS standard etc.)

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.