

DUCTILE IRON OR CAST STEEL OR STAILESSS STEEL WAFER TYPE RISING STEM 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;
- Knife with bevel edge and Body with double side wedge
- For limiting when closing valve;
- Longer useful time with PTFE seal separate body from knife;
- Working Pressure:
 - ◆ DN50-DN100 16bar
 - ◆ DN125-DN200 14bar
 - ◆ DN250-DN300 12bar
 - ◆ DN350-DN400 10bar
 - ◆ DN450 8bar
- Material and Working Temp.:
 - ◆ Cast Iron and Ductile Iron: 0 °C-200 °C(32 °F-392 °F)
 - ◆ 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/GGG40
KNIFE	F55/F53/SS304/SS316/2205
STEM	2Cr13/SS304/SS316
GLAND	ASTM A216 WCB/A531 CF8/CF8M/GGG40
PACKING	PTFE+NBR
SEAL	EPDM/NBR/PTFE/FKM
SEAT	CARBON STEL/SS304

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

DIMENSIONS LIST(UNIT:MM):

DN	NPS	DIN PN6/10/16						CLASS125/150					
		L	D0	N-Th	T	d	H1	L	D0	N-Th	T	d	H1
50	2"	48	180	4-M16	13	Ø18	260	48	180	4-5/8"	13	Ø19	260
65	2-1/2"	48	200	4-M16	13	Ø18	292	48	200	4-5/8"	13	Ø19	292
80	3"	51	200	8-M16	13	Ø18	320	51	200	4-5/8"	13	Ø19	320
100	4"	51	240	8-M16	13	Ø18	358	51	240	8-5/8"	13	Ø19	358
125	5"	57	260	8-M16	16	Ø18	395	57	260	8-3/4"	16	Ø22	395
150	6"	57	280	8-M20	16	Ø23	450	57	280	8-3/4"	16	Ø22	450
175	-	57	280	12-M20	20	Ø23	504	-	-	-	-	-	-
200	8"	70	300	8-M20	20	Ø23	532	70	300	8-3/4"	20	Ø22	532
250	10"	70	320	12-M20	20	Ø23	670	70	320	12-7/8"	20	Ø25	670
300	12"	76	350	12-M20	20	Ø23	758	76	350	12-7/8"	20	Ø25	758
350	14"	76	400	16-M20	20	Ø23	857	76	400	12-1"	20	Ø29	857
400	16"	89	450	16-M24	24	Ø27	946	89	450	16-1"	24	Ø29	946
450	18"	89	500	20-M24	24	Ø27	1023	89	500	16-1-1/8"	24	Ø32	1023

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.

