KNIFE GATE VALVES · STAINLESS STEEL

KGVSM Stainless Steel Metal Seat Knife Gate Valve

Uni-directional lugged knife gate valve in CF8M with a 316 knife, integral metal seat and PTFE gland packing. Rising stem with malleable iron hand wheel. DN50 to DN350.

CF8M · 316 | DN50 – DN350 | PN10 / 10 BAR | UNI-DIRECTIONAL | METAL SEAT

FEATURES

- Stainless steel construction
- For potable water, waste water and slurry applications
- Lugged flange body
- Uni-directional
- Metal seat — not bubble tight
- Pressure rating 10 bar
- Working temperature −29 °C to 150 °C

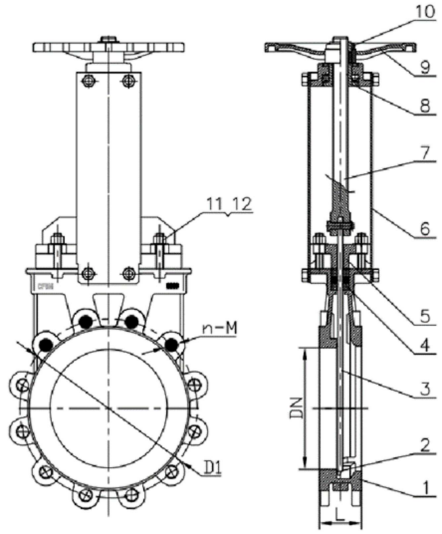
STANDARDS & TESTING

- Design and manufacture to MSS SP-81
- Face to face to MSS SP-81
- Flange dimensions to AS 2129
- Test and inspect to MSS SP-81
- Shell test 1.5 MPa

MATERIALS

No	Part	Material
1	Body	CF8M
2	Seat	Metal
3	Knife	316
4	Packing	PTFE
5	Gland	CF8M
6	Yoke	316
7	Stem	316
8	Stem nut	Brass
9	Hand wheel	Malleable iron
10	Lock nut	Carbon steel
11	Gland bolt	A193 B8
12	Nut	A194 8

DIMENSIONS



Face and sectional views — L face-to-face, D1 flange OD, n-M bolt holes; item numbers as tabled above.

Code	DN (mm)	Size	L (mm)	D1 (mm)	n-M	Flange pattern
KGVSM050-D/E	50	2″	48	114	4-M16	Table D/E
KGVSM080-D/E	80	3″	51	146	4-M16	Table D/E
KGVSM100-D	100	4″	51	178	4-M16	Table D
KGVSM100-E	100	4″	51	178	8-M16	Table E
KGVSM125-D/E	125	5″	57	210	8-M16	Table D/E
KGVSM150-D	150	6″	57	235	8-M16	Table D
KGVSM150-E	150	6″	57	235	8-M20	Table E
KGVSM200-D	200	8″	70	292	8-M16	Table D
KGVSM200-E	200	8″	70	292	8-M20	Table E
KGVSM250-D	250	10″	70	356	8-M20	Table D
KGVSM250-E	250	10″	70	356	12-M20	Table E
KGVSM300-D	300	12″	76	406	12-M20	Table D
KGVSM300-E	300	12″	76	406	12-M24	Table E
KGVSM350-D/E	350	14″	76	470	12-M24	Table D/E

All dimensions in millimetres. Flange drilling to AS 2129 Table D or Table E as coded.

Designs, materials and specifications shown are subject to change without notice due to our continuing program of product development. Confirm critical dimensions with Global Water Group prior to fabrication.

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