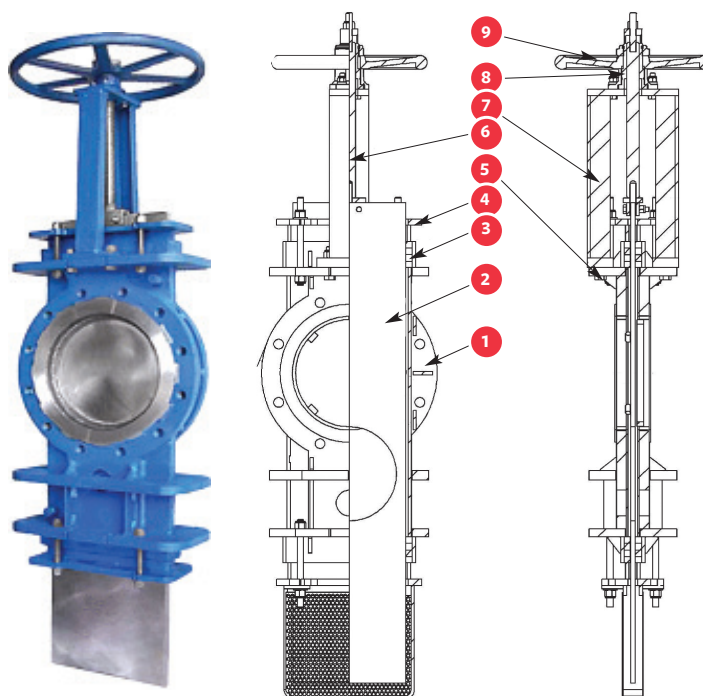


FABRICATED SLIDE GATE VALVE

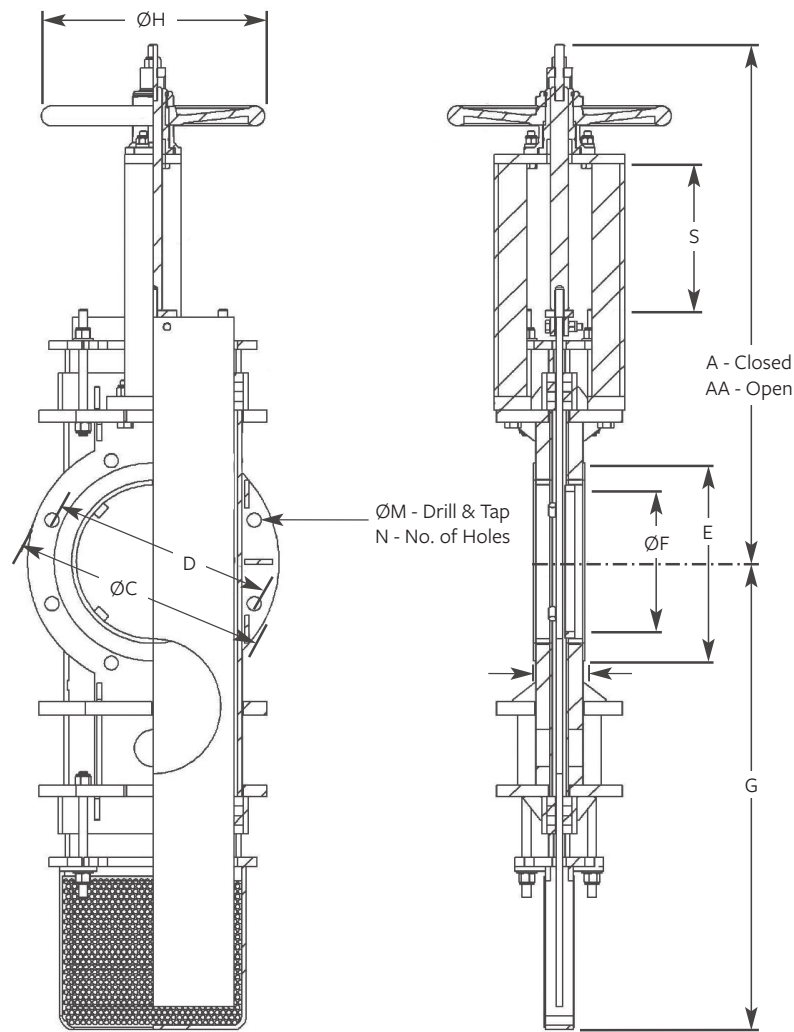
PRODUCT FEATURES

- Sizes: 3" – 36"/DN80 – DN900.
- Stainless Steel lined body (suited for wet or dry dense and abrasive media) as well as Stainless Steel stem, gate, seat, and raised face.
- Body cavity, seat configuration, and beveled gate designed provides shut-off capability in thick media such as pulp stock and slurries, or with solid media like pellets and powders.
- Smooth flow non-clogging full port design.
- Heavy-duty body design resists deflection from line loads and internal pressure.
- Gate design withstands full 150psig/10barg pressure as required by MSS SP-81.
- Valve seat face is protected by gate in both open and closed positions.
- Enclosed Bronze stem bushing reduces operating torque and protects stem bushing in harsh environments.
- Operators available: handwheel, chainwheel, bevel gear, hydraulic or pneumatic cylinder, fail safe spring cylinder, or electric motor.
- Can manufacture in special materials such as Alloy 20, Hastelloy, Titanium, and Monel for severe services. Coatings can be added to protect blade.
- Wiper available in packing to provide gate support and stabilize packing seal.
- Flanges meet ANSI B16.5-150 standards with all tapped holes and serrated gasket faces, PN10 & PN16 drilling also available.
- Hard-faced seat option available to prevent galling in high cycle and/or high end pressure or abrasive applications.
- V-Port or O-Ring resilient seat options available to suit specific applications.
- Standard TFE lubricated synthetic packing (TLSP) rated to 260° C and pH range of 3 - 11.
- Custom designed sizes, pressures, and configurations available.



PARTS LIST

ID	PART NAME	MATERIAL STANDARDS
1	Body Seat, RF, Flanges, Ext. Trim	W44, A44-304 SS; W66, A66-316 SS; A77-317 SS
2	Gate	W44, A44-304 SS; W66, A66-316 SS; A77-317 SS
3	Packing	W44, A44, W66, A66-TFE/SYN; A77-TFE
4	Packing Gland	W44, W66-Steel; A44-304 SS; A66-316 SS; A77-317 SS
5	Bolting	W44, W66 – Plated; A44, A66, A77-304 SS
6	Stem & Clevis	304 Stainless Steel
7	Yoke	W44, W66-Steel; A44, A66, A77-304 SS
8	Stem Bushing	Bronze
9	Handwheel	Cast Iron



DIMENSIONS - INCHES (MM)

VALVE SIZE	A - CLOSED	AA - OPEN	B	ØC	D	E	ØF	G	ØH	ØM	N	S
3"/DN80	17 ⁵ / ₈ (448)	20 ¹ / ₂ (521)	2 (51)	7 ¹ / ₂ (191)	6 (152)	5 (127)	2 ¹ / ₂ (64)	11 ¹ / ₁₆ (297)	8 (203)	5 ⁵ / ₈ (16)x11	4	2 ¹ / ₁₆ (71)
4"/DN100	21 (533)	25 (635)	2 (51)	9 (229)	7 ¹ / ₂ (191)	6 ³ / ₁₆ (157)	3 ¹ / ₂ (89)	13 ¹ / ₄ (337)	8 (203)	5 ⁵ / ₈ (16)x11	8	3 ⁷ / ₈ (98)
6"/DN150	23 ³ / ₈ (594)	29 (737)	2 ¹ / ₄ (57)	11 (279)	9 ¹ / ₂ (241)	8 ¹ / ₂ (216)	5 ¹ / ₄ (133)	19 ¹ / ₈ (486)	12 (305)	3 ⁴ / ₈ (19)x10	8	5 ³ / ₄ (146)
8"/DN200	27 ³ / ₈ (695)	35 (889)	2 ³ / ₄ (70)	13 ¹ / ₂ (343)	11 ³ / ₄ (298)	10 ⁵ / ₈ (270)	7 ¹ / ₄ (184)	25 ⁵ / ₁₆ (649)	12 (305)	3 ⁴ / ₈ (19)x10	8	7 ⁵ / ₈ (194)
10"/DN250	30 ¹ / ₄ (768)	39 ⁷ / ₈ (1013)	2 ³ / ₄ (70)	16 (406)	14 ¹ / ₄ (362)	12 ³ / ₄ (324)	9 (229)	18 ⁷ / ₈ (479)	16 (406)	7 ⁷ / ₈ (22)x9	12	9 ³ / ₄ (248)
12"/DN300	25 ³ / ₈ (645)	35 ¹ / ₈ (892)	3 (76)	19 (483)	17 (432)	15 (381)	11 ¹ / ₄ (286)	34 ³ / ₄ (883)	16 (406)	7 ⁷ / ₈ (22)x9	12	11 ³ / ₄ (298)
14"/DN350	39 ⁵ / ₈ (1006)	53 ⁵ / ₈ (1362)	3 (76)	21 (533)	18 ³ / ₄ (476)	16 ¹ / ₄ (413)	12 ³ / ₁₆ (325)	40 ¹ / ₄ (1022)	20 (508)	1 (25)x8	12	13 ³ / ₄ (349)
16"/DN400	43 ¹ / ₂ (1105)	58 ⁵ / ₈ (1495)	3 ¹ / ₂ (89)	23 ¹ / ₂ (594)	21 ¹ / ₄ (540)	18 ¹ / ₂ (470)	14 ³ / ₄ (375)	43 ⁵ / ₈ (1108)	20 (508)	1 (25)x8	16	15 ³ / ₈ (391)
18"/DN450	44 ³ / ₈ (1127)	62 ¹ / ₈ (1578)	3 ¹ / ₂ (89)	25 (635)	22 ³ / ₄ (578)	21 (533)	16 ³ / ₄ (425)	51 ⁵ / ₈ (1305)	20 (508)	1 ¹ / ₈ (29)x7	16	17 ³ / ₄ (451)
20"/DN500	47 ⁵ / ₈ (1216)	66 ⁵ / ₈ (1699)	4 ¹ / ₂ (114)	27 ¹ / ₂ (699)	25 (635)	23 (584)	18 (457)	54 (1372)	20 (508)	1 ¹ / ₈ (29)x7	20	19 (483)
24"/DN600	58 ⁵ / ₈ (1489)	81 ⁵ / ₈ (2073)	4 ¹ / ₂ (114)	32 (813)	29 ¹ / ₂ (749)	27 ¹ / ₄ (692)	22 ¹ / ₄ (565)	64 ⁷ / ₈ (1648)	24 (610)	1 ¹ / ₈ (29)x7	20	23 (584)
VALVE SIZE	3"/DN80	4"/DN100	6"/DN150	8"/DN200	10"/DN250	12"/DN300	14"/DN350	16"/DN400	18"/DN450	20"/DN500	24"/DN600	
Wt-Lb (Kg)	75 (34)	92 (42)	122 (55)	170 (77)	245 (111)	340 (154)	445 (202)	565 (256)	640 (290)	915 (415)	1145 (519)	

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