



KG-201

SIZE : 2"~ 24" (DN50 ~ DN600)

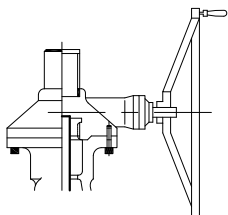
MSS-SP81 Manual Knife Gate Valve, LugType. Standard connections Suit for ANSI, JIS, DIN standard Handwheel operation. Soft Seat or Metal Seat Selection.

PRODUCTS

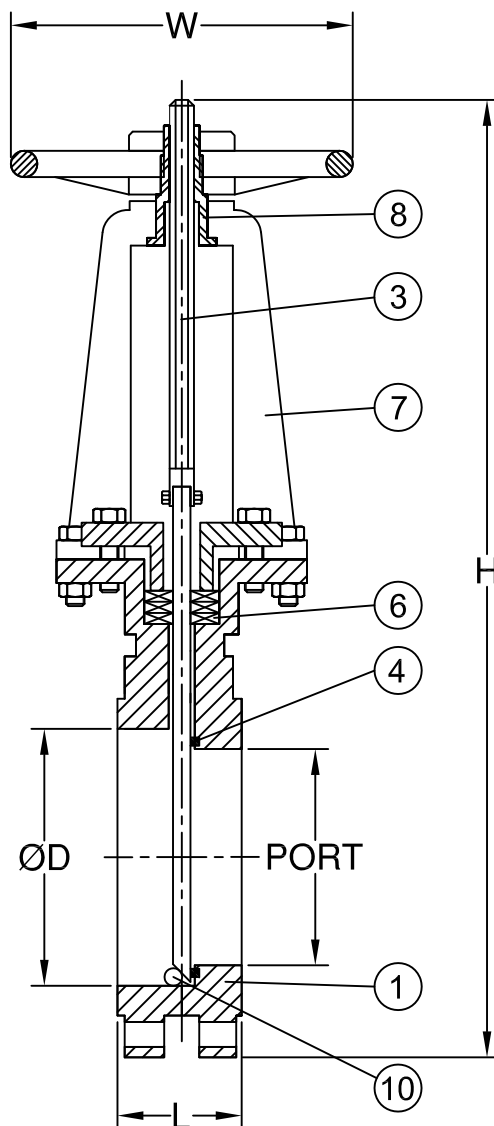
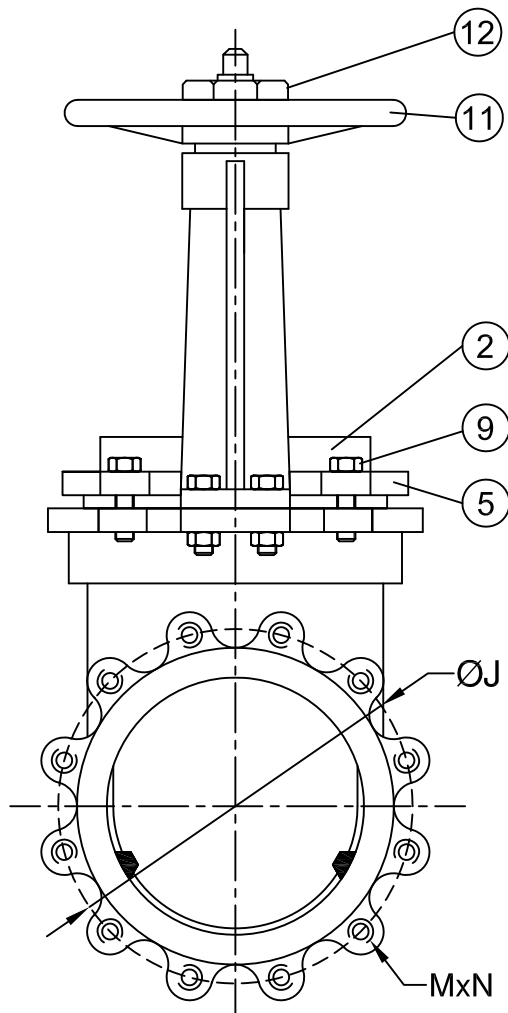
- * Investment cast yoke Design for vertical or horizontal line operation Slurries, pulp stock, sewage, bulk material handling Fitted with a variety of actuators.
- * Leak-proof elastomer packing gland Replaceable Seat
- * Deflector Cone - Standard Ni-hard Steel.
- * Sprocket Drive Operation is available.
- * Lug Type & Flange Ends
- * Material Range From A216 WCB, A351 CF8, A351 CF8M materials

Applicable Standards

Size Range	2"~ 24" (DN50 ~ DN600)	
Pressure	Class 150/JIS 10K/ DIN PN10/ PN16	
Body Material	A216 WCB, A351 CF8, A351 CF8M	
Gate	CF8/CF8M	
Seat	Teflon/Viton/Metal/EPDM	
Gland Packing	Non-Asb+PTFE/ASB/ASB+PTFE/Non-Asbestos	
Valve Test	BODY	TEST:11kg/cm2(WATER)
	SEAT	TEST:2.8kg/cm2(WATER)
	LEAKAGE:4 cc/per in.min	



Available With Gear Operator



MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	1.4308 / 1.4408 / 1.4409
2	PLATE	SS304 / SS316 / SS304L / SS316L
3	STEM	SS410 / SS304 / SS316 / SS316L
4	SEAT	TEFLON / METAL / VITON / EPDM
5	GLAND	SS304
6	GLAND PACKING	PTFE. / ASB / ASB + PTFE. / NON-ASB + PTFE. / NON ASBESTOS
7	YOKE	DUCTILE IRON
8	YOKE SLEEVE	CAST BRONZE / FCD
9	BOLT NUT	SS304
10	PAWLS	SS304
11	HANDLEWHEEL	CAST IRON
12	NUT	CAST IRON

DIMENSIONS

unit:mm

SIZE	PORT	L	ØD	W	H	ØJ	M	N
DN50	2"	42	48	64	190	420	125	4 M16
DN65	2-1/2"	57	51	80	190	430	145	8 M16
DN80	3"	72	51	95	190	430	160	8 M16
DN100	4"	95	51	120	220	520	180	8 M16
DN125	5"	125	57	148	290	600	210	8 M16
DN150	6"	150	57	175	290	660	240	8 M20
DN200	8"	195	70	222	350	810	295	8 M20
DN250	10"	250	70	275	350	990	350	12 M20
DN300	12"	300	76	325	400	1150	400	12 M20
DN350	14"	350	76	375	400	1230	460	16 M20
DN400	16"	400	89	430	500	1420	515	16 M24
DN450	18"	435	89	475	500	1600	565	20 M24
DN500	20"	480	114	515	500	1700	620	20 M24
DN600	24"	580	114	620	500	1970	725	20 M27

MSS-SP81 TEST STANDARD:
 BODY TEST: 11kg/cm² (WATER)
 SEAT TEST: 2.8kg/cm² (WATER)
 FLANGE DIMENSION: EN1092-1
 FACE TO FACE: MSS SP-81