

Knife Gate Valve Lined/Unlined

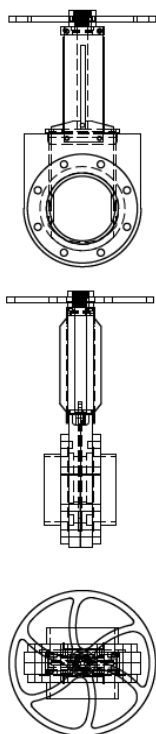



Standard Specifications

- Designed in accordance with MSS SP-81.
- Bi-directional, complete Shut Off as per Pressure Rating.
- All Sizes: 12,16 & 25 Bar - 40 Bar up to 400mm.
- Manual, Gearbox or Actuated.
- Bonnet-less design.
- Manufactured to client specifications.
- Service: Slurry, Water, Sewage etc.

Valve Material List

Body	S355 Carbon Steel / Stainless Steel
Blade	Stainless Steel 304/316/Hardened Material
Hand wheel	Carbon Steel & Stainless Steel
Lining	Natural Rubber/EPDM/Polyurethane/Unlined
Gland	Carbon Steel / Stainless Steel
Pillar	Carbon Steel /Stainless Steel
Spindle	304 Stainless Steel
Rev Nut	GM Bronze
Locking Device (opt)	Mild Steel / Stainless Steel
Fasteners	304 Stainless Steel
Deflector Cone (Opt)	Polyurethane / Stainless Steel 304/316



Size (mm)	Length	10/12/16 Bar				25 Bar			40 Bar		
		Unlined F/F	Rubber Lined F/F	Pressure Rating (Bar)	Mass (kg)	Rubber Lined F/F	Pressure Rating (Bar)	Mass (kg)	Rubber Lined F/F	Pressure Rating (Bar)	Mass (kg)
50	430	40	46	12	12	50	25	14	60	40	18
80	430	44	50	12	12	60	25	14	70	40	18
100	460	59	62	12	14	60	25	18	70	40	22
125	560	70	78	12	29	80	25	35	90	40	40
150	560	70	78	12	29	80	25	35	90	40	40
200	740	72	80	12	38	80	25	47	90	40	55
250	900	76	84	12	56	90	25	68	100	40	79
300	1050	80	88	12	85	90	25	98	100	40	111
350	1170	96	104	10	95	105	25	110	116	40	132
400	1320	100	108	10	130	110	25	148	130	40	165
450	1460	100	112	10	238	114	25	255	140	40	271
500	1630	110	122	10	286	125	25	310	160	40	338
600	1850	110	122	10	356	130	25	382			
700	2050	110	122	10	460						
800	2270	120	132	10	557						
900	2520	120	132	10	658						
1000	2750	120	132	10	720						

*With Optional Polyurethane Deflector Cone

*Pneumatic DA and SR Actuators available

*Other Materials Available On Request