



WM KGV999 SLURRY KNIFE GATE VALVE



APPLICATIONS

Hard Rock Mining.
Slurry.
Soda Ash.
Mineral Sand.
Kaolin.
Phosphate.
Pulp & Paper.

Cement.
General Industrial.
General Chemical.
Alumina.
Power Utilities.
Sand & Gravel.
Coal.

FEATURES

- Poly-line 100 is ideal for dry and short-term wet applications requiring high-cut and wear properties.
- Poly-line 200 is ideal for long term wet applications requiring excellent abrasion and hydrolysis resistance with good dynamic properties.
- One-piece body design means there are no leaks during valve cycling.
- The smooth Poly-line Urethane lined body is free from cavities, preventing slurry build-up or blockages, while also reducing head-loss and turbulence.
- Flow-through, built-in deflector wear cone.
- Robust design and heavy-duty construction ensures long valve life and greater reliability.
- Bronze bushing nut ensures low friction operation.
- Wafer-style design saves pipeline space.
- Optional spindle protection tube and blade protection covers ensure a safe operating environment for the valve, even during automated valve cycling.
- Light-weight for easier handling.
- Unidirectional flow

PRODUCT SPECIFICATION

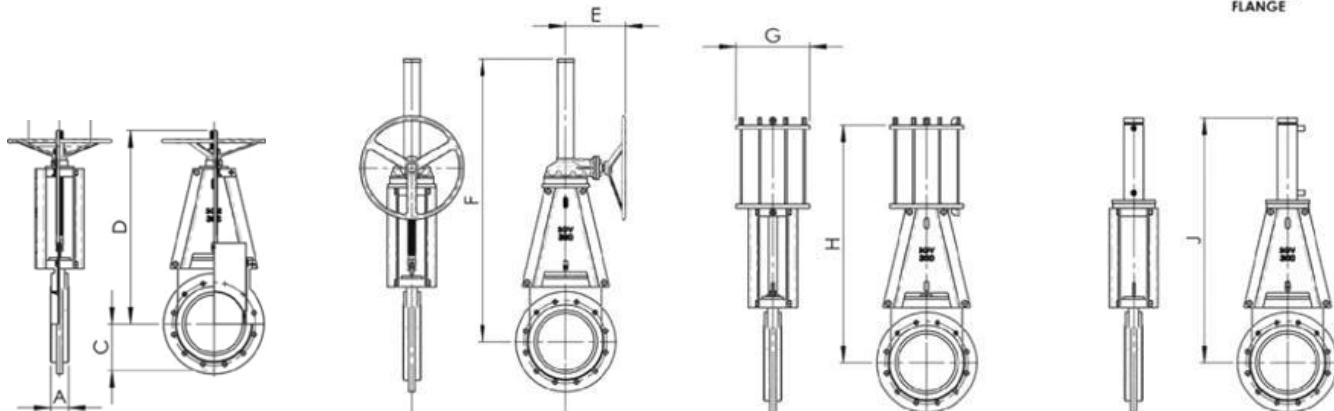
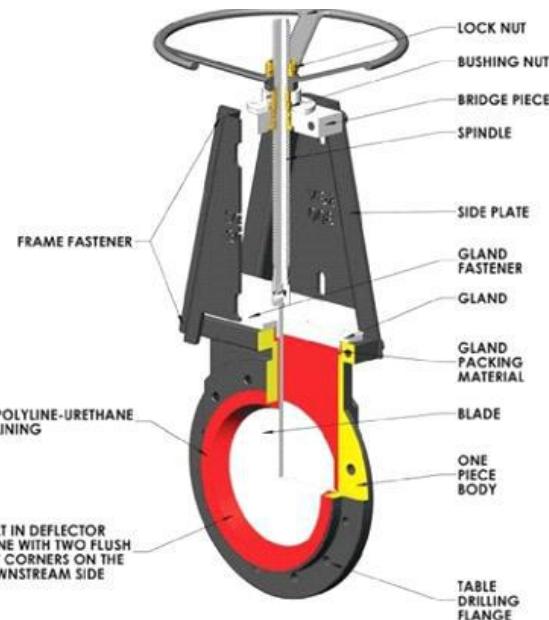
Body	Gr.220 Cast Iron.
Blade	304/316/ SAF 2205 Stainless Steel.
Gland	Precision laser cut Mild Steel.
Spindle	304 Stainless Steel.
Lining	Polyline-Urethane.
Top Works	Mild Steel - Angle Iron or A-Frames.
Bush Nut	LG2 Bronze.
Hand-wheel	SG Iron.
Operating Pressure	50mm - 100mm 16 Bar Rated. 150mm — 800mm 10 Bar Rated.

ACTUATOR

All types of actuators can be fitted:

Electric.
Gear Box.
Hydraulic.
Pneumatic.
Hand-wheel.





Valve size	2"	2.5"	3"	4"	5"	6"	8"	'10"	12"	14"	16"	18"	20"	24"	26"	28"	30"
	50mm	65mm	80mm	100mm	125mm	150mm	200mm	250mm	300mm	350mm	400mm	450mm	500mm	600mm	650mm	700mm	750mm
A	40	40	50	50	50	60	60	70	80	80	90	100	110	120	P	P	161
B	—	225	—	225	—	300	300	—	400	500	500	500	500	600	E	E	482
C	76	92.5	90	114.5	125	142.5	171	203	241	275	298	323	358	416	N	N	—
D	—	358.5	—	510	—	572	791	—	1094	1224	1009	1720	1720.5	2200	I	I	670
E	-	-	-	-	-	-	170	-	241.5	266.5	298.5	250	349.5	228	D	D	2785
F	-	-	-	-	-	-	832	-	1132	1500	1423	1680	1803	2084	N	N	-
G	100	—	160	160	160	160	200	250	300	300	350	350	400	400	G	G	—
H	400	—	480	575	660	710	870	1030	1250	1320	1405	1605	1750	1895	—	—	—
J	—	—	—	610	—	—	879	—	1207	1290	1421	1666	1870	2040	—	—	—
A1	46	46	56	56	56	66	66	76	86	86	96	108	116	126	—	—	—

 MANUFACTURED IN SOUTH AFRICA

