

PLEIX-QUIP

VALVES AND FLUID SYSTEMS

SGV POLYLINE RANGE OF KNIFE GATE VALVE



- 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 safe operating environment for workers, even during automated valve cycling.
- Light weight for easier handling.

PRODUCT SPECIFICATION

Body:	Gr 220 Cast Iron
Blade:	304L Stainless Steel
Gland:	Precision laser cut mild steel
Spindle:	303 Stainless Steel
Lining:	Polyline-Urethane
Topworks:	Mild Steel
Bushing Nut:	LG2 Bronze
Handwheel:	SG Iron
Operating Pressure:	50mm - 100mm 16 Bar Rated 150mm - 600mm 10 Bar Rated

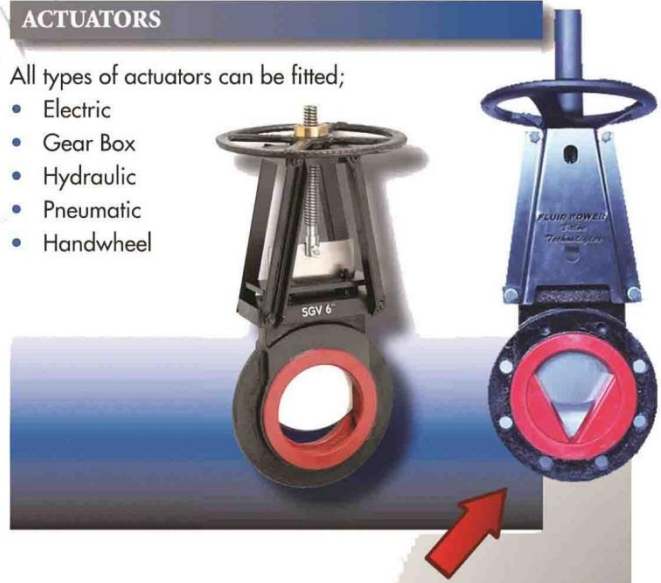
DESIGN FEATURES

- Unique single piece body construction allows for full Polyline-Urethane wear resistant lining, greatly extending the life of the valve. Polyline-Urethane comes in both 100 & 200.
- Polyline 100 is ideal for dry and short term wet applications requiring high cut and wear properties.
- Polyline 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.
- Smooth Polyline-Urethane lined body is free from cavities preventing slurry build-up or blockages, while also reducing head-loss and turbulence.

ACTUATORS

All types of actuators can be fitted;

- Electric
- Gear Box
- Hydraulic
- Pneumatic
- Handwheel

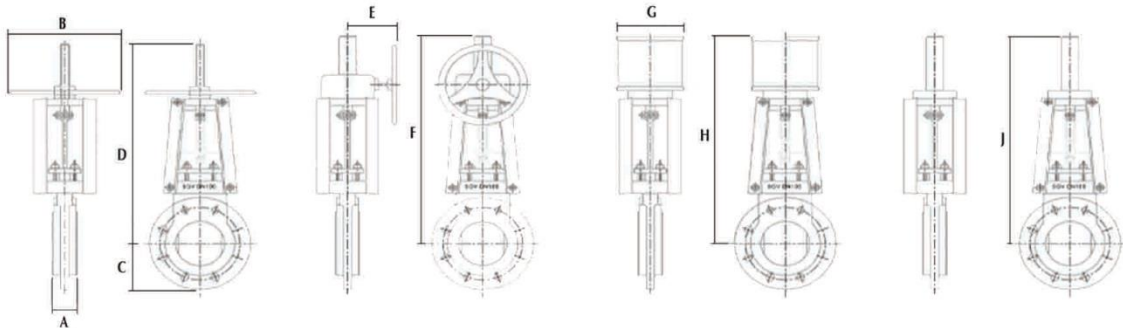
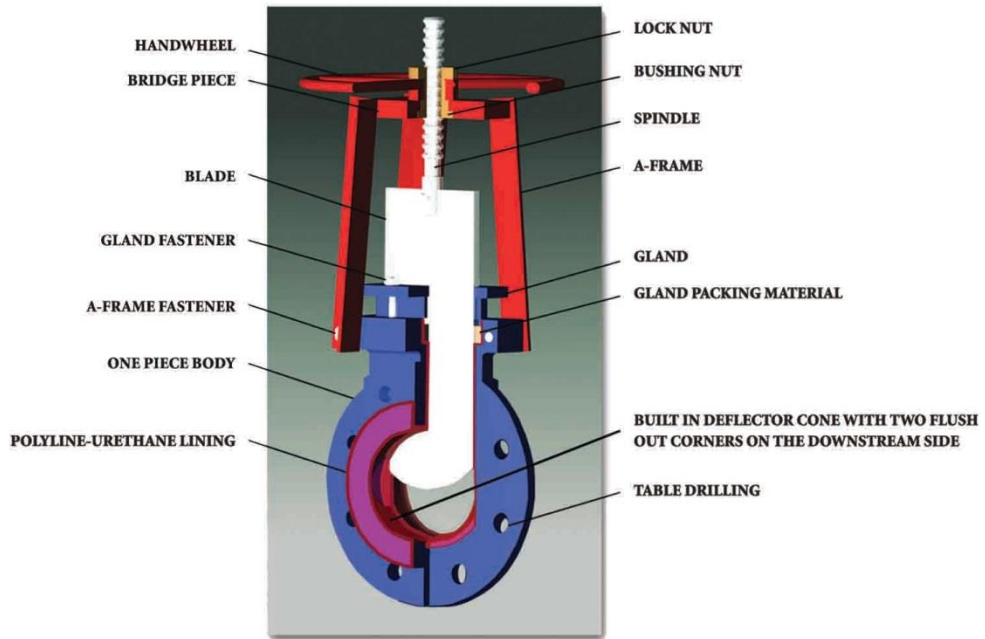


“Optional: V-Notch” Feature For Flow Control

PLEIX-QUIP

VALVES AND FLUID SYSTEMS

DIMENSIONS



Valve Size	2"	2.5"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
	50mm	65mm	80mm	100mm	125mm	150mm	200mm	250mm	300mm	350mm	400mm	450mm	500mm	600mm
A	40	40	50	50	50	60	60	70	80	80	90	100	110	120
B	225	225	225	225	225	300	300	400	400	500	500	500	500	600
C	76	92.5	100	114.5	142.5	142.5	171	203	241	266	298	323	358	416
D	345	358.5	396	510	494	572	791	934	1094	1224	1435.5	1720	1720.5	2200
E	-	-	-	-	-	-	170	203	241.5	266.5	298.5	228	349.5	228
F	-	-	-	-	-	-	832	992	1132	1173	1423	1535	1803	2084
G	100	-	160	160	-	160	200	300	300	300	350	350	400	400
H	495	-	533	575	-	750	870	1010	1200	1320	1405	1605	1750	1895
J	477	-	558	610	-	743	879	1055	1207	1290	1421	1666	1870	2040
A1	46	46	56	56	56	66	66	76	86	86	96	108	116	126

Applications:

- Hard Rock Mining • Phosphate • Power Utilities • Coal • Pulp and Paper • Sand and Gravel
- Soda Ash • Cement • Alumina • Mineral sand • General Industrial • Kaolin • General Chemical

127 Lemmer Road, Vulcania Ext. 2, Brakpan, RSA
 PO Box 10270, Dalview 1544.
 Phone No. : +27 11 736 4994 Fax: +27 11 736 6130
 Email: pleixquip@pleixquip.co.za
 Website: www.pleixquip.co.za