

A Slurry valve for life

VALVECO IS A DIVISION OF HALLEY & MELLOWES GROUP OF COMPANIES



The **Technegate™** Knife Gate Valve is a true bi-directional slurry knife gate valve. Its massive rubber sleeves were designed to seal and withstand the harsh abrasive duty inherent in mining and milling facilities.

The **Technegate™** Knife Gate Valve includes the following standard features;

- Fluorocarbon coated 316L stainless steel gate to reduce wear, build-up of scale and strokes times
- Zinc-Nickel Plated Hardware
- Epoxy Paint
- Bi-Directional Operation rated for 100PSI
- No Packing to bind the gate
- CNC machined gate guide & body
- Low Durometer Seats for maximum erosion protection
- ANSI B16.5 Class 150, AS2129 table D/E flange drilling pattern
- All air cylinder actuated valves are supplied with an internal ring magnet for position indication
- Prompt Deliveries
- Heavy weight ductile iron

Optional Features include:

- Cylinder Mounted proximity switches (non-contacting)
- Splash Guard with 2 FNPT Ports
- Seats available in pure gum rubber / neoprene / chlorobutyl / E.P.D.M.
- Lock Outs
- Solenoid valves with manual override and power indication LED
- ETFE coatings for corrosive applications
- 17-4 PH gates for higher operating pressure (150PSI)



Tails Line Valves with Hydraulic Actuators

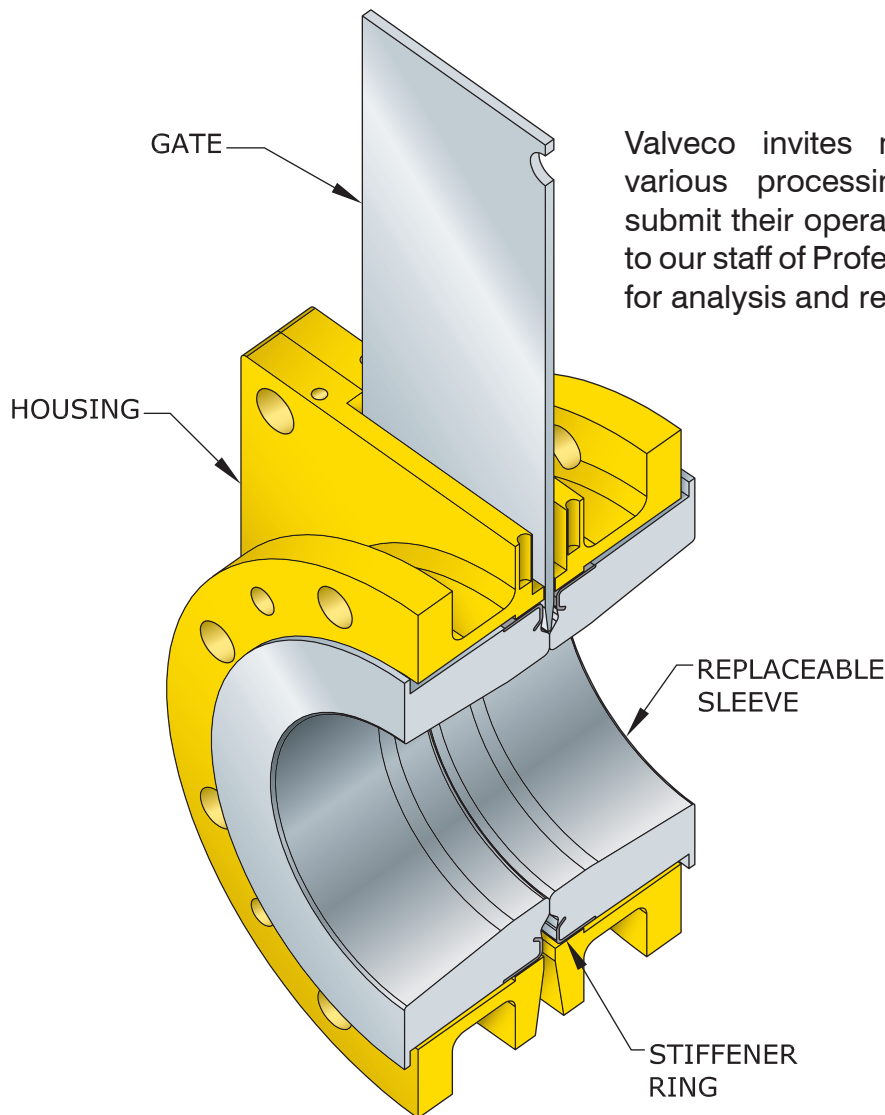


Cyclone Isolation Valve

VALVE SIZE		3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"
Face to Face ¹ (installed)	Inches	5.75	5.75	5.86	6.13	8.69	9.88	9.88	10.75	11.88	13.88	14.38	15.55
	mm	146	146	149	156	221	251	251	273	302	353	365	395
Max. Height ² From Centreline	Inches	27.44	31.44	38.75	44.75	51.50	58.81	64.50	72.94	81.69	88.50	105.38	123.82
	mm	696	799	983	1136	1309	1494	1638	1853	2069	2248	2677	3145
Max. Width	Inches	9.13	11	13	15.25	16.5	21	22.75	25	42.75	43.2	48.5	41.5
	mm	232	279	330	387	419	533	578	635	1060	1097	1232	1054
Max. Oper. Pressure	Psi	100	100	100	100	100	100	100	100	100	100	75	75
	kPa	689	689	689	689	689	689	689	689	689	689	520	520
Weight	Kg	30	36	61	77	98	277	298	472	564	695	923	977*

¹ Allow 1/4" to 1/2" for ease of installation ² Max widths & heights are based on air cylinder actuated valve

Actuator Options-Air Cylinder, Handwheel, Bevel Gear, Hydraulic and Electric



Valveco invites members of the various processing industries to submit their operating requirements to our staff of Professional Engineers for analysis and recommendations.

Note

The designs, materials, dimensions and specifications shown are subject to change without notice due to our continuing program of product development.

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