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Mfg. of Industrial Valves

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I.C. Knife Edge Gate Valve



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FLOWMAX MODEL SK .100 knife gate is an UNI-DIRECTIONAL / BI-DIRECTIONAL lug type valve designed according to MSS-SP-81 for industrial service applications. The design of the body and seat assures non-clogging shut off on suspended solids in industries such as:

- Pulp and Paper
- Waste Water Treatment Plants
- Power plants
- Food and Beverage
- Mining
- etc.
- Chemical plants

Sizes : DN 50/2" to DN400/16" (larger diameters on request)

Working Pressure:

DN 50/2" to DN 400/16": 10 kg/cm² / 150 psi

Standard flange connection :

DIN PN 10 and ANSI B16.5 (class 150)

Others on request

PART	STAINLESS STEEL LIST :
1- BODY :	CF8, CF8M
2- GATE	AISI 304 AISI 316
3- SEAT	METAL TO METAL (EPDM/VITON/PTFE/NITRIL)
4- PACKING	PTFE IMPREG. SYNTH. FIBRE
5- GLAND FOLLOWER	DUCTILE IRON CF 8,CF8M,WCB
6- STEM	AISI 304
7- STEM NUT	GUN METAL
8- YOKE	CARBON STEEL
9- SEAT RING	AISI 304,AISI 316
10 - OPERATED :	PNEUMATIC / MANNUL / BEVAL GEAR
11 - FASTNERS	ZINC PLATED CARBON STEEL



DESING FEATURES



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Body:

One Piece Integrally Investment Cast Body With Reinforced Ribs In Larger Diameters For Extra Body Strength. Internal AISI 304, AISI 316 Gate Wedges And Guides Allows For Tighter Shutoff. port Design According To Mss-sp-81 Internal Design Avoids Any Build Up Of Solids That Would Prevent Valve From Closing.

Gate:

Standard AISI 304, AISI 316 Stainless Steel Gate. Gates Polished And Lapped For A Greater Seal Between The Gate With Both Packing And Seat. Bottom Of The Gate Edge is Machined To A Bevel To Cut Through Solids For A Tighter Seal In The Closed Position.

Seat:

Unique Design That Mechanically Locks. The Seat in The Internal Of The Valve Body With A Stainless Steel Retainer Ring. standard Epdm; Viton, PTFE, etc.

Packing:

Standard Braided PTFE Impregnated Fibre, graphite, asbestoes for Better Shut Off, With An Easy Access Packing Gland Ensuring A Tight Seal Long-life Braided Packing is Available in A Wide Range Of Materials.

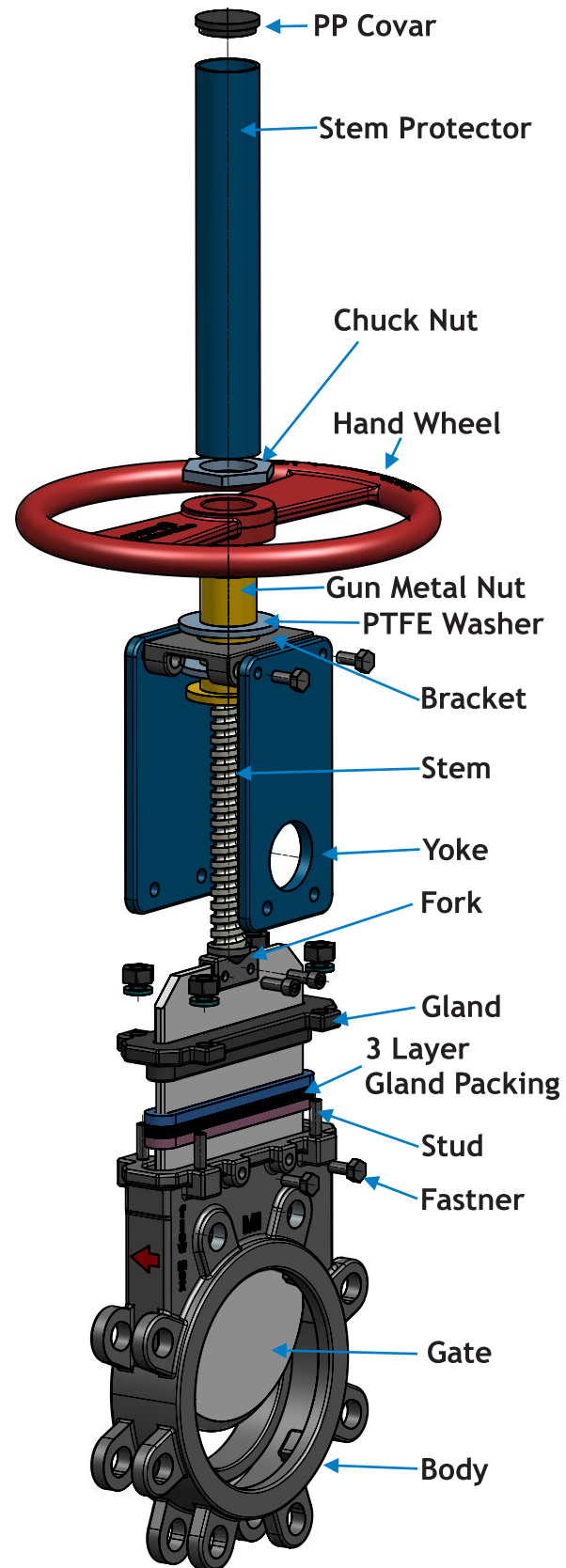
Stem:

The SS 304 Stem Offers A Long Corrosion Resistant Life. for Rising Stem Handwheel With Gun Metal Stem Nut

Epoxy Coating:

The Epoxy Coating On All **flowmax** Cast Iron and Carbon Steel Valve Bodies And Components Is Electrostatically Applied Making The Valves TO be Corrosion Resistant With A High Quality Finished Surface.

The **flowmax** Standard Colour is Racing Blue.



Knife Edge Gate Valve with Manual Operating



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Flowmax Model SK .102 Knife Edge Gate Valves Is An Uni-directional Lug Type Valve Designed According To MSS-SP-81 For Industrial Service Applications. The Design Of The Body And Seat Assures Non-clogging Shut Off On Suspended Solids In Industries Such As:

- Pulp And Paper
- Wastewater Treatment Plants
- Chemical Plants
- Food And Beverage
- Bulk Handling
- Mining

Sizes : DN 50 to DN 1050 (larger diameters on request)

Working pressure :

DN 50 to DN 400: 10 kg/cm² / 150 psi

DN 450 TO 700: 4 kg/cm² / 60 psi

DN 700 TO 1050 2 kg/cm² / 45 psi

Standard flange connection :

TABLE "D", "E" DIN PN 10 and ANSI B16.5 (class 150)

Others on request



PART	CAST IRON : STAINLESS STEEL LIST :
1- BODY	C.I, WCB, CF8, CF8M, SGI
2- GATE	AISI 304 AISI 316
3- SEAT	Metal To Metal (EPDM/VITON/PTFE/NITRIL)
4- PACKING	PTFE Impreg. Synth. Fibre
5- GLAND FOLLOWER	Ductile Iron, CF,8,CF8M,WCB
6- STEM	AISI 304
7- STEM NUT	Gun Metal
8- YOKE	Carbon Steel
9- SEAT RING	AISI 304 AISI 316
10- HANDWHEEL	Ductile Iron /Gjl 250 (gg25)
11- FASTNERS	Zinc Plated Carbon Steel

Knife Edge Gate Valve with Pneumatic Operating



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Flowmax Model SK.104 Pneumatic Knife Gate Valves Is An Uni-directional Lug Type Valve Designed According To MSS-SP-81 For Industrial Service Applications.the Design Of The Body And Seat Assures Non-clogging Shut Off On Suspended Solids In Industries Such As:

- Pulp And Paper
- Wastewater Treatment Plants
- Chemical Plants
- Food And Beverage
- Bulk Handling
- Mining
- etc.

Sizes: DN 50 to DN 1050 (larger diameters on request)

Working pressure :

DN 50 to DN 400: 10 kg/cm² / 150 psi

DN 450 TO 700: 4 kg/cm² / 60 psi

DN 700 TO 1050 3 kg/cm² / 45 psi

Standard flange connection :

TABLE "D", "E" DIN PN 10 and ANSI B16.5 (class 150)

Others on request

PART	CAST IRON : STAINLESS STEEL LIST :
1- BODY :	C.I ,WCB CF8, CF8M, SGI
2- GATE	AISI 304 AISI 316
3- SEAT	METAL TO METAL (EPDM/VITON/PTFE/NITRILA)
4- PACKING	PTFE IMPREG. SYNTH. FIBRE
5- GLAND FOLLOWER	DUCTILE IRON CF,8,CF8M,WCB
6- SOLINOID VALVE	5/2 WAY (240VAC) (24VDC)
7- LIMIT SWITCH	MECHANICAL, PROXIMITY
8- YOKE	CARBON STEEL
9- SEAT RING	AISI 304 AISI 316
10- PNEUMATIC	CYLINDER OPERATED
11- FASTNERS	ZINC PLATED CARBON STEEL



Steam Valve



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- Pulp and Paper
- Power plants
- Mining
- Chemical plants
- Waste Water Treatment Plants
- Food and Beverage
- etc.

Sizes : DN 50/2" to DN700/28"
(larger diameters on request)



Ball Valve



I.C. Three Pcs, Flanged End.



I.C. Single Pcs. Screwed End

- Pulp and Paper
- Power plants
- Mining
- Chemical plants
- Waste Water Treatment Plants
- Food and Beverage
- etc.

Sizes : DN 15/1/2" to DN250/10" (larger diameters on request)

Knife Edge Gate Valve with Rubber Sleeve



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Flowmax Model SK 101 Stainless Steel Slurry Knife Gate Valve Is An Bi-directional For Industrial Service Applications This Body And Seat Assures Non-clogging Shut Off On Suspended Solids In Industries Such As :

- Pulp And Paper
- Wastewater Treatment Plants
- Chemical Plants
- Food And Beverage
- Bulk Handling
- Mining

Sizes : Dn 50 To Dn 300

Standard Flange Connection :

E-table Din PN 10 And Ansi B16.5 (class 150)

Note :

Other Flange Connections Are Available On Request.

Valves Operation :

Hand Weel Operation, pneumatic Operation, Hydraulic Operation, chain Wheel Operation Electric Motor Operation, Bevel Gear Operation, lever Operation



PART	CAST IRON : STAINLESS STEEL LIST :
1- BODY	WCB,C.I, SG.I
2- GATE	AISI 304 AISI 316
3- SEAT	Rubber Sleeve
4- PACKING	PTFE Impreg. Synth. Fibre
5- GLAND FOLLOWER	Ductile Iron,WCB
6- STEM	AISI 304
7- STEM NUT	Gun Metal
8- YOKE	Carbon Steel
9- SEAT RING	AISI 304 AISI 316
10- HANDWHEEL	Ductile Iron /Gjl 250 (gg25)
11- FASTNERS	Zinc Plated Carbon Steel

Steam Valve



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- Pulp and Paper
- Power plants
- Mining
- Chemical plants
- Waste Water Treatment Plants
- Food and Beverage
- etc.

Sizes : DN 50/2" to DN700/28"
(larger diameters on request)



Ball Valve



I.C. Three Pcs, Flanged End.



I.C. Single Pcs. Screwed End

- Pulp and Paper
- Power plants
- Mining
- Chemical plants
- Waste Water Treatment Plants
- Food and Beverage
- etc.

Sizes : DN 15/1/2" to DN250/10" (larger diameters on request)

Other Products



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Float Type Steam Trap Screwed
Body : Cast Iron



Wafer Type Swing Check Valve
S. S. /M. S. /C. I.



I.C. D.C.V. Valve
SS 304



View Glass Flange End
Body: M.S /SS 304



Butterfly Valve



Butterfly Valve



Hose Pipe

Kamal Patel

(Sales Executive)

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075748 57831

Sudhir Patel

(Technical Head)

098983 74361

075748 57832

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