

KGC-MC METAL CUTTING CAST STAINLESS STEEL KNIFE GATE VALVES





Design and Construction

DeZURIK KGC-MC Metal Cutting Cast Stainless Steel Knife Gate Valves are designed to provide long service life in applications requiring shearing capabilities like those found in Pulp and Paper Recycle and Rejects Cyclone applications.

The KGC-MC valve is designed to cut the media flow with no jamming problems. To withstand the high loads necessary to shear wires, staples or glass, the valves have a replaceable, serrated seat constructed of 410 Stainless Steel. The seat ring's teeth and teeth arrangement are designed to prevent bunching or clogging while cutting through heavy trash such as metal, plastics, glass and shards.

The KGC-MC Knife Gate Valves are available in 3-24" (80-600mm) sizes with one-piece cast stainless steel bodies. Numerous features combine to provide a longer service life, less downtime and less maintenance than other valves currently used for these tough applications.

- Valves can be either metal or dual metal-andresilient seated.
- Gates of Hardened 410 Stainless Steel or heat-treated 17-4 Stainless Steel have a shearing beveled edge to cut cleanly through media.
- High-performance packing system with wire scraper rings extends service life.
- Copper scraper rings act to guide the gate through the packing chamber, critical in high cycle and shearing applications.
- Oversized gate guides provide support for the moving gate through the full stroke, minimizing any chance of deflection.
- Heavy-duty superstructure withstands high cycle rates and vibration.
- Optional purge ports available in the seat and chest prevent process buildup.

Serrated Seat Ring & Shearing Gate Tip Prevent Media Jamming

The serrated seat ring, shearing beveled gate edge and cast guides and jams work together to prevent media from becoming trapped or jamming. Wires, staples, glass or plastic are cleanly cut, crushed and cleared from the seating area.

Guided Shear Gate Design Assures Positive Shutoff

The body features cast oversized gate guides to provide support for the moving gate through the full stroke from open to closed, minimizing any chance of gate deflection. The gate guides are 150% larger than standard and strategically positioned to provide greater support to the gate during the cutting process. Cast gate jams at the bottom of the body hold the gate securely against the seat to assure positive shutoff.

Rugged, Heavy-Duty Cast Body

The cast body and packing gland are available in 316 or 317 Stainless Steel with ASME Class 150 flanges. The body has raised face end connections with drilled and tapped lugs. Purges in the chest and seat area are an available option to prevent process media buildup.





Replaceable, Wear Resistant Metal or Resilient Seat

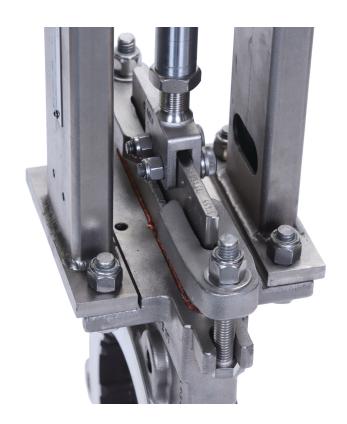
Both metal and dual metal-and-resilient seated valves are available in 410 Stainless Steel with Chloroprene (CR), Acrylonitrile-Butadiene (NBR), Terpolymer of Ethylene, Propylene and a Diene (EPDM), Fluoro Rubber (FKM), and Chloroprene, off white (CRW). Metal seated valves meet MSS SP-81. Dual metal-and-resilient seated valves provide leak tight/drip tight shutoff. The seat ring mechanically retains the resilient seat to prevent it from becoming dislodged. The seat ring is removable, replaceable and rotateable.

Heavy-Duty Stem/Gate Clip

A strong, investment cast gate clip complements KGC-MC's robust construction. Gate clip and gate are drilled to match the shoulder screw diameter to provide a heavy-duty connection needed for high cycle applications.

DeZURIK Exclusive Rounded Gate Edges

The KGC valves all have a gate with a rounded gate edge that is precision machined with a ground finish on both sides and edges. The rounded gate edge moves smoothly through the packing with minimal packing disturbance, thus requiring less adjustment and maintenance of the packing system.

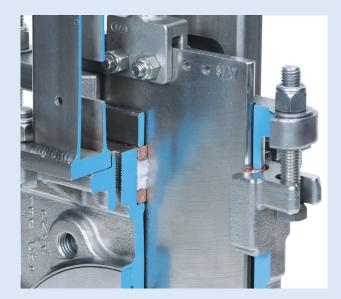


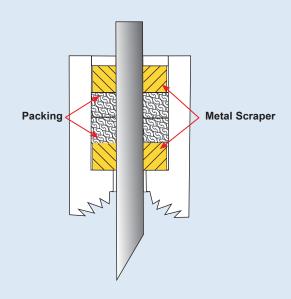
DeZURIK Exclusive Premium Packing System

The KGC-MC valve has the DeZURIK Exclusive Premium Packing System that includes a fully-machined rounded cast packing chamber, rounded gate edge, and PTFE braided packing with top and bottom copper wire scraper rings to wipe the gate and prevent process media from entering the packing chamber. The copper scraper rings act to guide the gate through the packing chamber, critical in high cycle and shearing applications. This proven packing system includes features that:

- Extend service life
- Require fewer packing adjustments
- · Reduce external leakage

- Ensure alignment of the gate
- Minimize friction and actuator thrust required
- Allow field replacement of packing





Demonstrated Reliability in HD Cleaner Applications

DeZURIK KGC Knife Gate Valves are proven performers in Recycle Paper High Density Cyclone Cleaners. The KGC-MC valve is ideally suited for recycle applications that require shearing of media containing heavy trash, solids, nails, wire, staples, plastic or glass.



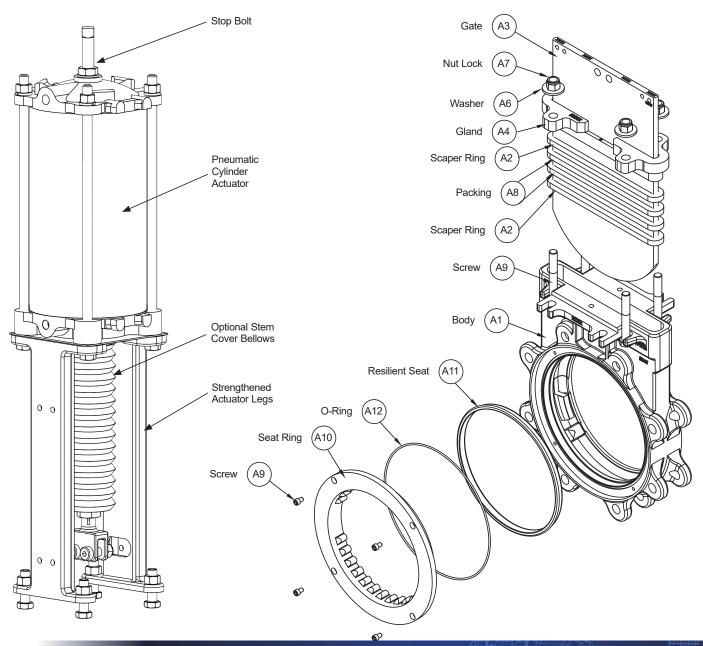


KGC-MC Separates and Shears Metal, Plastic & Other Materials

The KGC-MC has the features and rugged construction that allows it to excel in demanding services requiring shearing capabilities such as cyclone separators, recycle high density cleaners, and recycle detrashers. The serrated seat ring on the KGC-MC valve is designed to separate and shear metal, plastic and other materials without jamming. All the features of the KGC-MC combine to provide superior performance in these high-cycle shearing applications.

Materials of Construction

Item	Description	Material					
A1	Dark	316 Stainless Steel, ASTM A351 Type CF-8M					
AI	Body	317 Stainless Steel, ASTM A351 Type CG-8M					
A2	Scraper Ring	Braided Copper Wire Scraper					
A3	Gate	410 Stainless Steel, ASTM A240 Hardened					
AS	Gale	17-4 Stainless Steel, ASTM A564, H900					
A4	Gland	316 Stainless Steel, ASTM A351 Type CF-8M					
A4	Giariu	317 Stainless Steel, ASTM A351 Type CG-8M					
A5	Bolt Stainless Steel, ASTM F593 Type 304						
A6	Washer	18-8 Stainless Steel					
A7	Nut Lock	18-8 Stainless Steel					
A8	Packing	CRW - Braided PTFE with Top & Bottom Copper Wire Scraper to 500°F (260°C)					
A9	Screw	316 Stainless Steel					
A10	Seat Ring	410 Stainless Steel, ASTM A743 Hardened					
		NBR = Acrylonitrile-Butadiene to 180°F (83°C)					
		FKM = Fluoro Rubber to 400°F (204°C)					
A11	Resilient Seat	EPDM = Terpolymer of Ethylene Propylene and a Diene to 250°F (122°C)					
		CR = Chloroprene to 180°F (83°C)					
		CRW = Chloroprene Off-White to 140°F (60°C)					
		NBR = Acrylonitrile-Butadiene to 180°F (83°C)					
A12	O-Ring	Fluoro Rubber to 400°F (204°C)					
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	O-INIII	EPDM = Terpolymer of Ethylene Propylene and a Diene to 250°F (122°C)					
		CR = Chloroprene to 180°F (83°C)					



Valve Selection

Shut-Off Capabilities

Resilient Seats	Leak tight/drip tight
Metal Seats	Meet MSS SP-81 and TAPPI TIS 405-8

Pressure Ratings 100°F (38°C)

3-24" (80-600mm) | 150 psi C.W.P. (1030 kPa)

Valve can withstand Full Reverse Pressure without damage.

Flow Parameters **Round Port**

Valve Size	<u>Cv*</u> Kv* 100% Open	K** (resistance)	Port Area (in²/cm²)
<u>3"</u>	675	0.16	<u>6.1</u>
80mm	584		39
<u>4"</u>	<u>1200</u>	0.16	<u>11.5</u>
100mm	1040		74
<u>5"</u>	<u>1900</u>	0.16	<u>18.3</u>
125mm	1640		118
<u>6"</u>	2700	0.16	<u>26.6</u>
150mm	2340		172
<u>8"</u>	<u>4800</u>	0.16	<u>48.3</u>
200mm	4200		312
<u>10"</u>	7500	0.16	76.0
250mm	6500		490
<u>12"</u>	<u>10800</u>	0.16	<u>110</u>
300mm	9300		712
<u>14"</u>	<u>13200</u>	0.16	<u>135</u>
350mm	11400		869
<u>16"</u>	<u>17400</u>	0.16	<u>179</u>
400mm	15100		1156
<u>18"</u>	<u>22300</u>	0.16	<u>234</u>
450mm	19300		1508
<u>20"</u>	<u>27800</u>	0.16	<u>286</u>
500mm	24000		1848
<u>24"</u>	<u>40500</u>	0.16	<u>419</u>
600mm	35000		2701

*Cv = Flow in GPM of water at 1 psi pressure drop.
Kv = Flow in m3/hr. of water at 100 kPa pressure drop.
** K = The resistance coefficient of the valve. The constant (K) can be used to determine the equivalent length of pipe.

D = Pipe diameter in feet f = Friction factor, related to type of pipe

Applicable Standards

	DeZURIK KGC-MC Knife Gate Valves are designed and/or tested to meet the following standards:							
ASME B16.5	Flanges and Flanged Fittings, ANSI 150 Conforms to related drilling dimensions.							
International Standards	Conforms to flanged bolt guides — DIN 10 and DIN 16; ISO 7005-1/PN10 and 7005-2/PN16; BS 4504/PN10 and BS 4504/PN16.							
MSS SP-81	Metal Seated Valves, Stainless Steel, Bonnetless, Flanged Knife Gate Valves. (Same as TAPPI TIS 405-8)							
MSS SP-151	Pressure testing of knife gate valves							
AWWA C520	Knife Gate Valves							
IEC 61508 SIL 3	Complies when DeZURIK standard pneumatic or hyrdraulic actuators are used. Contact DeZURIK to verify compliance with other actuators. IEC 61508 SIL 3 does not apply to manual actuators.							
Pressure Equipment Directive (PED)	European Pressure Equipment Directive Approved							
Canadian Registration	CRN Approved in all Canadian Provinces.							

Valve and Actuator Weights

Valve	Basic Valve	With Cyl	inder
Size	<u>lbs.</u> Kg.	Order Code	<u>lbs.</u> Kg.
<u>3"</u> 80mm	<u>16</u> 7	CY-PC4	<u>37</u> 17
<u>4"</u>	24	CY-PC4	4 <u>5</u> 20
100mm	11	CY-PC6	<u>63</u> 29
		CY-PC4	<u>58</u> 26
<u>5"</u> 125mm	<u>32</u> 15	CY-PC6	<u>76</u> 35
		CY-PC8	<u>88</u> 40
		CY-PC4	<u>63</u> 29
<u>6"</u> 150mm	<u>38</u> 17	CY-PC6	<u>81</u> 37
		CY-PC8	<u>93</u> 42
8"	<u>65</u>	CY-PC6	<u>112</u> 51
200mm	30	CY-PC8	<u>124</u> 56
		CY-PC8	<u>174</u> 79
<u>10"</u> 250mm	<u>103</u> 47	CY-PC10	220 100
		CY-PC12	<u>257</u> 117
		CY-PC8	225 102
<u>12"</u> 300mm	<u>148</u> 67	CY-PC10	270 122
		CY-PC12	309 140
<u>14"</u>	<u>199</u>	CY-PC10	332 151
350mm	90	CY-PC12	372 169
		CY-PC10	409 186
<u>16"</u> 400mm	<u>272</u> 123	CY-PC12	449 204
		CY-PC14	495 225
		CY-PC12	<u>551</u> 250
<u>18"</u> 450mm	<u>361</u> 164	CY-PC14	602 273
		CY-PC16	813 369
		CY-PC12	712 323
<u>20"</u> 500mm	<u>518</u> 235	CY-PC14	760 345
		CY-PC16	982 445
		CY-PC12	947 430
<u>24"</u>	<u>725</u>	CY-PC14	1001 454
600mm	329	CY-PC16	1219 553
		CY-PC18	<u>1262</u> 572

Note: Weights are approximate and do not include crating.

Ordering

To order, simply complete the valve order code from information shown. An ordering example is shown for your reference.

Valve Style

Give valve style code as follows:

KGC = Cast Knife Gate Valve

Valv Give			e code as fol	lows:			
3	=	3"	(80mm)	12	=	12"	(300mm)
4	=	4"	(100mm)	14	=	14"	(350mm)
5	=	5"	(125mm)	16	=	16"	(400mm)
6	=	6"	(150mm)	18	=	18"	(450mm)
8	=	8"	(200mm)	20	=	20"	(500mm)
10	=	10"	(250mm)	24	=	24"	(600mm)

Body Style

Give body style code as follows:

Metal Cutting

End Connection

Give end connection code as follows:

= ANSI 150 UNC Tapping for Threads

= ISO 7005/PN10 Drilling F110 = ISO 7005/PN16 Drilling F116

On Application

Other end connections available on application.

Body Material

Give body material code as follows:

S2 316 Stainless Steel S3 317 Stainless Steel

On Application

Other body materials available on application

Packing Material

Give packing material code as follows:

PTFE Braided Packing with Top and Bottom Copper Wire Scraper

to 500° (260°C) pH Range 4-10

On Application

Other packing materials available on application.

Gate Material

Give gate material code as follows:

= 17-4 Stainless Steel H900 Heat Treated

= 410 Stainless Steel

On Application

Other gate materials available on application

Seat Material

Give seat material code as follows:

All Metal

S8 410 Stainless Steel

Combination Metal with Resilient Seat Seal

S8NBR 410 Stainless Steel, Acrylonitrile-Butadiene Seal to 180°F

(83°C)

S8FKM 410Stainless Steel, Fluoro Rubber Seal to 400°F (204°C) S8EPDM 410 Stainless Steel, Terpolymer of Ethylene Propylene and

a Diene Seal to 250°F (122°C)

S8CR 410 Stainless Steel, Chloroprene Seal to 180°F (83°C)

S8CRW 410 Stainless Steel, Chloroprene Off-White Seal to 140°F

(60°C) On Application

Other resilient seat and overlay materials available on application.

The limiting factor in valve selection is the lowest temperature of the packing or seat.

Standard OptionsGive option code as follows:

CMC = Certificate of Material Conformance CRT Certified Physical & Chemical Test Reports

DeZURIK Standard Certified Hydrostatic & Seat Test Report

PSC Purge Ports in Seat and Chest Area

Ordering Example:

KGC,8,MC,F1,S2,CW2,S8-S8,PSC*Actuator



Cylinder Actuators

DeZURIK cylinder actuators are available with double-acting pneumatic cylinders for on/off or positioning services. Supply pressure is 60 or 80 psi (410 or 550 kPa). To order, add the proper code from the table to the valve order code.

Actuator Sizing

60 psi (410 kPa) Air Supply

Valve	Order Code	Order Code	Maximum Pressure Differential psi/kPa			
Size	Carbon Steel (CS) Yoke	304 SST (S1) Yoke	Dry Solids, Slurries, Paper Stock	Liquids & Gases	Heavy Trash	
<u>3"</u> 80mm	CY-PC4-CS	CY-PC4-S1	<u>150</u> 1030	<u>150</u> 1030	N/A	
4"	CY-PC4-CS	CY-PC4-S1	<u>100</u> 690	<u>150</u> 1030	N/A	
100mm	CY-PC6-CS	CY-PC6-S1	<u>150</u> 1030	N/R	N/A	
	CY-PC4-CS	CY-PC4-S1	N/A	<u>50</u> 340	N/A	
5 & 6" 125 &	CY-PC6-CS	CY-PC6-S1	<u>125</u> 860	<u>150</u> 1030	N/A	
150mm	CY-PC8-CS	CY-PC8-S1	<u>150</u> 1030	N/R	N/A	
8"	CY-PC6-CS	CY-PC6-S1	<u>75</u> 515	<u>125</u> 860	N/A	
200mm	CY-PC8-CS	CY-PC8-S1	<u>150</u> 1030	<u>150</u> 1030	N/A	
	CY-PC8-CS	CY-PC8-S1	<u>100</u> 690	<u>150</u> 1030	N/A	
<u>10"</u> 250mm	CY-PC10-CS	CY-PC10-S1	<u>150</u> 1030	N/R	N/A	
	CY-PC12-CS	CY-PC12-S1	N/R	N/R	<u>50</u> 340	
	CY-PC8-CS	CY-PC8-S1	<u>75</u> 515	<u>125</u> 860	N/A	
<u>12"</u> 300mm	CY-PC10-CS	CY-PC10-S1	<u>125</u> 860	<u>150</u> 1030	N/A	
	CY-PC12-CS	CY-PC12-S1	<u>150</u> 1030	N/R	<u>50</u> 340	
14"	CY-PC10-CS	CY-PC10-S1	<u>100</u> 690	<u>150</u> 1030	N/A	
350mm	CY-PC12-CS	CY-PC12-S1	<u>150</u> 1030	N/R	<u>50</u> 340	
	CY-PC10-CS	CY-PC10-S1	<u>75</u> 515	<u>125</u> 860	N/A	
<u>16"</u> 400mm	CY-PC12-CS	CY-PC12-S1	<u>125</u> 860	<u>150</u> 1030	N/A	
	CY-PC14-CS	CY-PC14-S1	<u>150</u> 1030	N/R	<u>50</u> 340	
	CY-PC12-CS	CY-PC12-S1	<u>100</u> 690	<u>150</u> 1030	N/A	
<u>18"</u> 450mm	CY-PC14-CS	CY-PC14-S1	<u>150</u> 1030	N/R	N/A	
	CY-PC16-CS	CY-PC16-S1	N/R	N/R	<u>50</u> 340	
	CY-PC12-CS	CY-PC12-S1	<u>50</u> 340	<u>125</u> 860	N/A	
<u>20"</u> 500mm	CY-PC14-CS	CY-PC14-S1	<u>125</u> 860	<u>150</u> 1030	N/A	
	CY-PC16-CS	CY-PC16-S1	<u>150</u> 1030	N/R	<u>50</u> 340	
	CY-PC12-CS	CY-PC12-S1	<u>25</u> 170	<u>75</u> 515	N/A	
<u>24"</u>	CY-PC14-CS	CY-PC14-S1	<u>75</u> 515	<u>150</u> 1030	N/A	
600mm	CY-PC16-CS	CY-PC16-S1	<u>150</u> 1030	N/R	N/A	
	CY-PC18-CS	CY-PC18-S1	N/R	N/R	<u>50</u> 340	

N/R = Not required. Use next smaller actuator. N/A = Not available. Use larger actuator or contact DeZURIK.

Actuator Sizing 80 psi (550 kPa) Air Supply

	Order Code	Order Code	Maximum	mum Pressure Differential psi/kPa			
Valve Size	Carbon Steel (CS) Yoke	304 SST (S1) Yoke	Dry Solids, Slurries, Paper Stock	Liquids & Gases	Heavy Trash		
<u>3"</u> 80mm	CY-PC4-CS	CY-PC4-S1	<u>150</u> 1030	<u>150</u> 1030	<u>150</u> 1030		
4"	CY-PC4-CS	CY-PC4-S1	<u>150</u> 1030	<u>150</u> 1030	N/A		
100mm	CY-PC6-CS	CY-PC6-S1	N/R	N/R	<u>150</u> 1030		
	CY-PC4-CS	CY-PC4-S1	<u>50</u> 340	<u>75</u> 515	N/A		
5 & 6" 125 & 150mm	CY-PC6-CS	CY-PC6-S1	<u>150</u> 1030	<u>150</u> 1030	N/A		
	CY-PC8-CS	CY-PC8-S1	N/R	N/R	<u>150</u> 1030		
8"	CY-PC6-CS	CY-PC6-S1	<u>100</u> 690	<u>150</u> 1030	N/A		
200mm	CY-PC8-CS	CY-PC8-S1	<u>150</u> 1030	N/R	<u>150</u> 1030		
	CY-PC8-CS	CY-PC8-S1	150 1030	<u>150</u> 1030	N/A		
<u>10"</u> 250mm	CY-PC10-CS	CY-PC10-S1	N/R	N/R	<u>50</u> 340		
200	CY-PC12-CS	CY-PC12-S1	N/R	N/R	150 1030		
	CY-PC8-CS	CY-PC8-S1	100 690	<u>150</u> 1030	N/A		
<u>12"</u> 300mm	CY-PC10-CS	CY-PC10-S1	150 1030	N/R	<u>50</u> 340		
	CY-PC12-CS	CY-PC12-S1	N/R	N/R	150 1030		
14"	CY-PC10-CS	CY-PC10-S1	<u>125</u> 860	<u>150</u> 1030	50 340		
350mm	CY-PC12-CS	CY-PC12-S1	150 1030	N/R	150 1030		
	CY-PC10-CS	CY-PC10-S1	100 690	<u>150</u> 1030	N/A		
<u>16"</u> 400mm	CY-PC12-CS	CY-PC12-S1	150 1030	N/R	<u>50</u> 340		
40011111	CY-PC14-CS	CY-PC14-S1	N/R	N/R	150 1030		
	CY-PC12-CS	CY-PC12-S1	<u>150</u> 1030	<u>150</u> 1030	N/A		
<u>18"</u> 450mm	CY-PC14-CS	CY-PC14-S1	N/R	N/R	<u>50</u> 340		
	CY-PC16-CS	CY-PC16-S1	N/R	N/R	150 1030		
	CY-PC12-CS	CY-PC12-S1	<u>125</u> 860	<u>150</u> 1030	N/A		
<u>20"</u> 500mm	CY-PC14-CS	CY-PC14-S1	150 1030	N/R	<u>50</u> 340		
	CY-PC16-CS	CY-PC16-S1	N/R	N/R	150 1030		
	CY-PC12-CS	CY-PC12-S1	<u>75</u> 515	<u>150</u> 1030	N/A		
24"	CY-PC14-CS	CY-PC14-S1	150 1030	N/R	N/A		
600mm	CY-PC16-CS	CY-PC16-S1	N/R	N/R	<u>50</u> 340		
	CY-PC18-CS	CY-PC18-S1	N/R	N/R	150 1030		

N/R = Not required. Use next smaller actuator. N/A = Not available. Use larger actuator or contact DeZURIK.

Cylinder Actuator Accessories

Positioners

DeZURIK cylinder actuators are available with pneumatic, electro-pneumatic or digital positioners for throttling control. Positioners are available in various NEMA ratings and mounted to the actuator legs.

Air Filter Regulator

The DeZURIK Air Filter Regulator is designed to provide clean, accurate air pressure to actuators and positioners.

Four-Way Solenoid Valves

Solenoid valves may be ordered mounted and piped as part of a complete valve/actuator assembly or as a separate item.

Speed Control Valves

Speed Control Valves are available for controlling valve opening or closing speed with pneumatic actuators. The speed of operation is adjustable.

Position Indicating Switches

Mechanical or Proximity Position Indicating Switches are available for use on double-acting cylinder actuators. One switch can be set to indicate open or closed position. Two switches will automatically be set to indicate full open and full closed positions.

High-Strength Actuator Legs

High-Strength Actuator Legs provide additional rigidity to withstand horizontal valve mounting, high cycle rates, and vibration common on cyclone applications, without external actuator supports.

High-Strength Actuator Legs are an integral part of a complete KGC-MC valve and actuator assembly. Include the SAL code after the actuator code.

Ordering Example (complete valve):

KGC,6,MC,F1,S2,CW2,S8-S8*CY-PC6-S1,SAL



Stem Cover Bellows

To protect valve stem from environmental debris, the Stem Cover Bellows may be ordered as part of a complete valve and actuator assembly. To order, add the SCB code to the valve and actuator code.

Ordering Example (complete valve):

KGC,6,MC,F1,S2,CW2,S8-S8*CY-PC6-S1,SAL,SCB

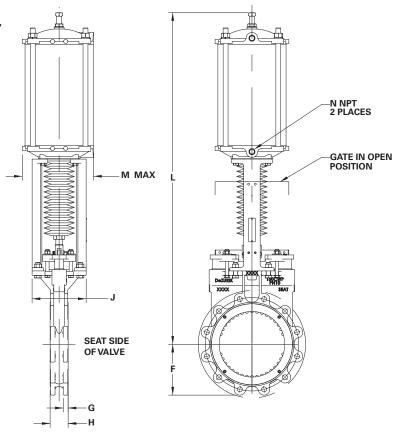


Dimensions

Basic Valve with Cylinder Actuator

Valve	Din	nensi	ons
Size	F	Н	J
<u>3"</u>	3.75	<u>2.00</u>	<u>4.75</u>
80mm	95	51	121
<u>4"</u>	4.50	<u>2.00</u>	<u>5.00</u>
100mm	114	51	127
<u>5"</u>	<u>5.00</u>	<u>2.25</u>	<u>5.75</u>
125mm	127	57	146
<u>6"</u>	<u>5.50</u>	<u>2.25</u>	<u>5.75</u>
150mm	140	57	146
<u>8"</u>	6.75	2.75	6.38
200mm	171	70	162
<u>10"</u>	8.00	2.75	8.25
250mm	203	70	210
<u>12"</u>	9.50	3.00	8.25
300mm	241	76	210
<u>14"</u>	10.50	3.00	8.25
350mm	267	76	210
<u>16"</u>	<u>11.75</u>	3.50	8.69
400mm	298	89	221
<u>18"</u>	<u>12.50</u>	3.50	9.31
450mm	318	89	236
<u>20"</u>	13.75	<u>4.50</u>	9.42
500mm	349	114	239
<u>24"</u>	16.00	4.50	9.42
600mm	406	114	239

Inches Millimeters



3-24" (80-600mm) Valves

Actuator	Dimensions													
Actuator Order		L												
Code	<u>3"</u> 80mm	<u>4"</u> 100mm	<u>5"</u> 125mm	<u>6"</u> 150mm	<u>8"</u> 200mm	<u>10"</u> 250mm	<u>12"</u> 300mm	<u>14"</u> 350mm	<u>16"</u> 400mm	<u>18"</u> 450mm	<u>20"</u> 500mm	<u>24"</u> 600mm	M	N
CY-PC4	23.98 609	<u>26.26</u> 667	30.64 778	32.18 817	_	_	_	_	_	_	_	_	<u>5.38</u> 137	1/4
CY-PC6	_	27.61 701	32.00 813	33.56 852	39.11 993	47.13 1197	_		_	_	-		7.88 200	1/4
CY-PC8	_	_	32.38 822	33.94 862	39.49 1003	49.57 1259	<u>53.19</u> 1351	<u>59.06</u> 1500	62.74 1594	_	-		10.50 267	1/2
CY-PC10	_	_	_	_	_	50.97 1295	<u>54.59</u> 1387	60.35 1533	64.03 1626	73.59 1869	77.16 1960	_	13.00 330	1/2
CY-PC12	_	_	_	_	_	50.94 1294	<u>54.56</u> 1386	60.70 1542	64.38 1635	73.94 1878	77.50 1968	89.48 2273	<u>15.00</u> 381	1/2
CY-PC14	_	_	_	_	_	_	_	_	63.68 1617	73.24 1860	76.81 1951	88.78 2255	17.00 432	1/2
CY-PC16	_	_	_	_	_	_	_	_	_	<u>70.25</u> 1784	<u>75.94</u> 1929	87.91 2233	17.00 432	1/2
CY-PC18	_	_	_	_	_	_	_	_	_	_	_	88.16 2239	19.00 483	3/4

<u>Inches</u> Millimeters



Need Knife Gate Valve pricing or support for your mining project? Contact us for more assistance.

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