

DeZURIK KGN-MSU METAL SEATED CAST STAINLESS STEEL KNIFE GATE VALVES

Applications

DeZURIK KGN-MSU metal seated unidirectional Cast Stainless Steel Knife Gate Valves are designed for applications in corrosive, abrasive liquid slurry or dry material applications including: Pulp and Paper, Mining, Waste Water, Chemical, Petrochemical, Power, Steel, and others.

Design and Construction

Sizes - KGN-MSU Knife Gate Valves are available in sizes 2-36" (50-900 mm).

Working Pressure – Valve sizes 2-24" (50-600mm) are rated for 150 psi (1000 kPa), valve sizes 30" (750mm) and larger are rated for 100 psi (690 kPa).

Body & Gland - The cast one piece lugged body and the packing gland are available in stainless steel.

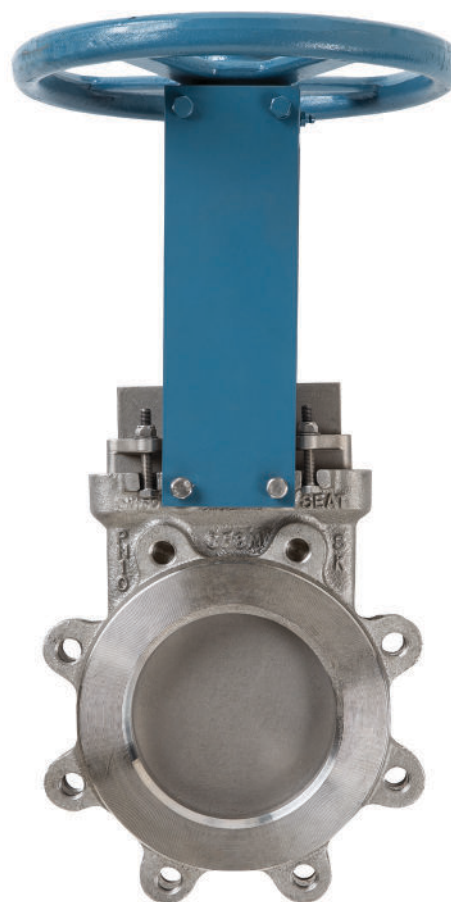
Gate - The stainless steel knife-like gate is precision ground on all sides with beveled edges to maximize packing life and seat shutoff.

Seat - The integral metal seat provides shutoff that meets MSS SP-81 standards.

Gate Guides - Rugged gate guides provide support while gate moves up and down.

Gate Jams - The jams at the bottom of the body wedges the gate securely against the seat to assure positive shutoff.

Actuators - The actuator superstructures are heavy duty carbon steel or corrosion resistant stainless steel. All valves are furnished with a stainless steel stem. A variety of actuator options are available including: handwheels, chainwheels, bevel gears, and pneumatic cylinders.



Flow Capacity

Round port design per MSS SP-81 requirements allows high flow capacity and minimum pressure drop. A stepped transition port eliminates the cavity, where material can accumulate.

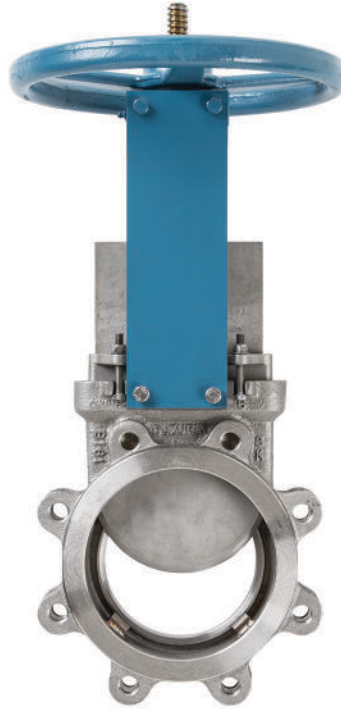
End Connections

Raised face body has drilled and tapped flanges in accordance with ASME B16.5, 2-24" (50-600mm) or ASME 16.47, 30" (750mm) and larger.

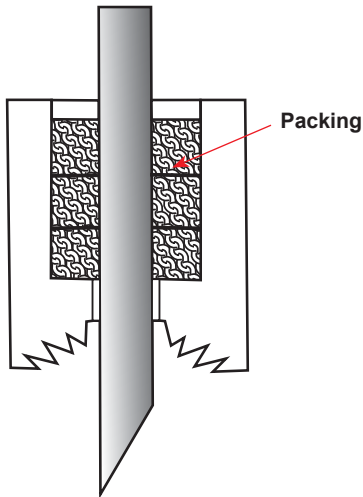
Application Factors That Affect Your Packing Selection For Optimal Sealing

Compatibility with process media:

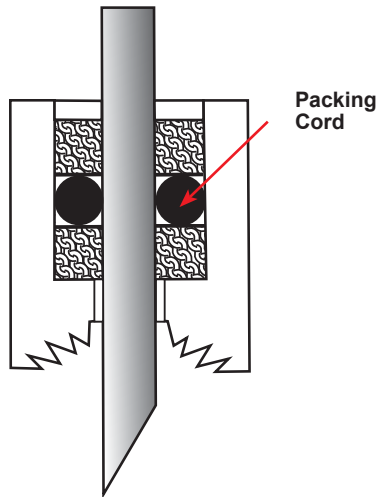
- Wet or dry application
- Life cycle stroke frequency
- Temperature
- pH Acid-Base level
- Scaling or crystallization on gate



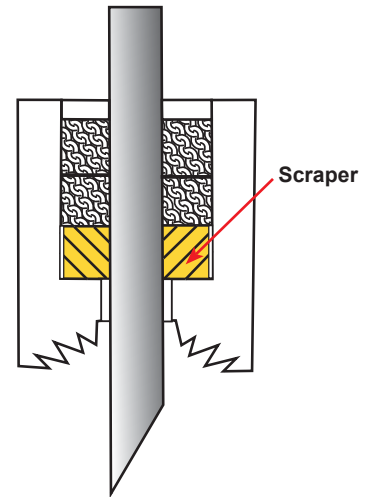
Packing Material Options



MSP
Square Braided PTFE
Impregnated Synthetic
Fiber



M03055
PTFE Square
Braided Packing with
Fluoroelastomer Cord



CWP
Square Braided PTFE
Packing with One Ring
Copper Wire Braided
Scraper

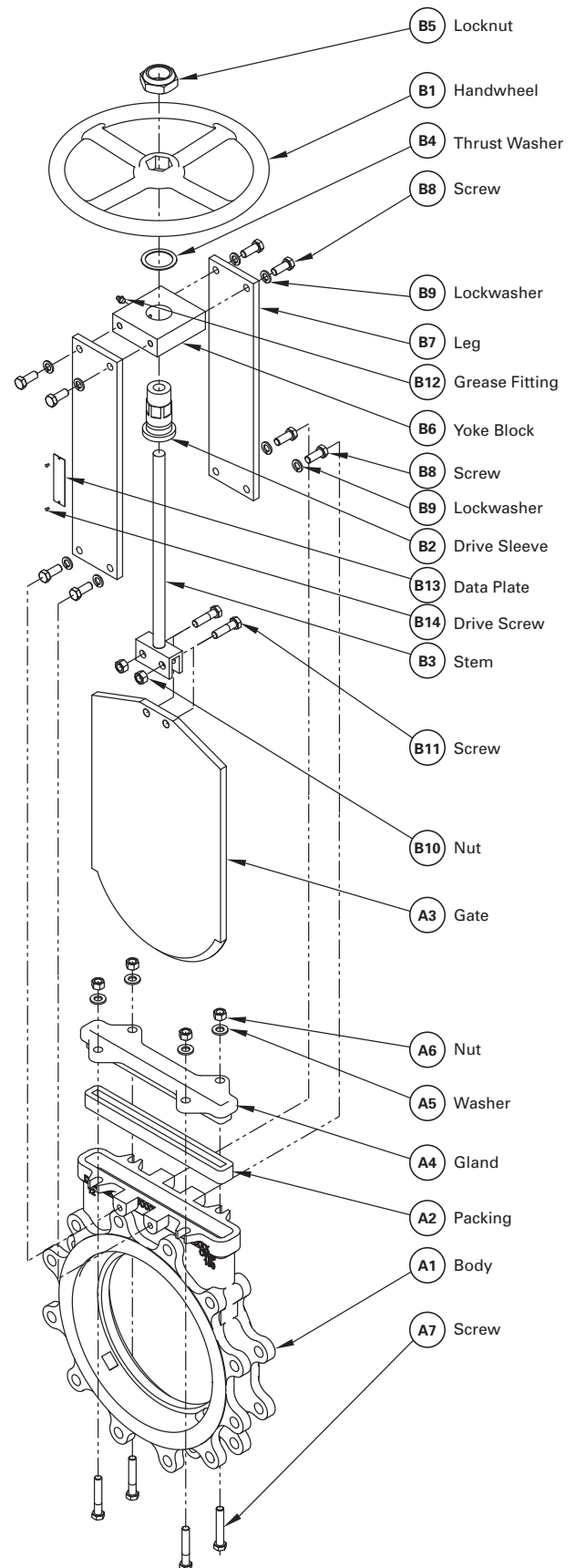
TDP
Dry Service Square
Braided PTFE Packing
with Solid PTFE Cord

HBP
High Temperature Square
Braided Packing

KWP
Square Braided PTFE
Packing with One Ring
Kevlar® (para-aramid)
Fiber Scraper

Materials of Construction

Item	Description	Material
A1	Body	304 Stainless Steel ASTM A351 CF8
		316 Stainless Steel ASTM A351 CF8M
		MSP - Square Braided PTFE Impregnated Synthetic Fiber to 500°F (260°C) (pH Range 4-10)
		CWP - Square Braided PTFE Impregnated Synthetic Fiber with One Ring Copper Wire Braided Scraper to 500°F (260°C) (pH Range 4-10)
		TDP - Dry Service Square Braided PTFE Packing with Solid PTFE Cord to 500°F (260°C) (pH Range 0-14)
		HBP - High Temperature Braided Packing to 1000°F (540°C) (pH Range 4-10)
		KWP - Square Braided PTFE Packing with One Ring Kevlar® (para-aramid) Fiber Scraper to 500°F (260°C) (pH Range 4-10)
		M03055 - PTFE Square Braided Packing with Fluoroelastomer Cord to 400°F (205°C) (pH Range 0-14)
A3	Gate	304 Stainless Steel ASTM A240
		316 Stainless Steel ASTM A240
A4	Gland	304 Stainless Steel ASTM A351 CF8
		316 Stainless Steel ASTM A351 CF8M
A5	Washer	304 Stainless Steel
A6	Gland Nut	304 Stainless Steel
A7	Gland Screw	304 Stainless Steel
B1	Handwheel	Painted Cast Iron
B2	Drive Sleeve	Brass
B3	Stem	410 Stainless Steel
B4	Thrust Washer	Brass
B5	Locknut	Zinc Plated Carbon Steel
B6	Yoke Block	Painted Carbon Steel or 304 Stainless Steel
B7	Leg	Painted Carbon Steel or 304 Stainless Steel
B8	Yoke Screw	304 Stainless Steel
B9	Lock Washer	304 Stainless Steel
B10	Gate Nut	304 Stainless Steel
B11	Gate Screw	304 Stainless Steel
B12	Grease Fitting	Brass
B13	Data Plate	316 Stainless Steel
B14	Drive Screw	Stainless Steel



Valve Selection

Shut-Off Capabilities

Metal Seats	Meet MSS SP-81 and TAPPI TIS 405-8
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Pressure Ratings

2-24" (50-600mm)	150 psi C.W.P. (1030 kPa)
Above 24" (600mm)	100 psi C.W.P. (690 kPa)

Applicable Standards

DeZURIK KGN Knife Gate Valves are designed and/or tested to meet the following standards:	
MSS SP-81	Metal Seated Valves, Stainless Steel Bonnetless Flanged Knife Gate Valves.
TAPPI TIS 405-8*	Recommendations for Stainless Steel Bonnetless Flanged Wafer Knife Gate Valves. * Revoked by TAPPI Same as MSS SP-81.
ASME B16.5 2-24" (50-600mm)	Flanges and Flanged Fittings ASME 150. Conforms to related drilling dimensions.
ASME 16.47 Above 24" (600mm)	Large diameter Steel Flanges. Series A. Conforms to related dimensions.

Flow Parameters

Valve Size	Cv* Kv 100% Open	Port Area (in ² /cm ²)
2"	232	3.04
50mm	201	19.6
3"	505	6.31
80mm	437	40.7
4"	890	10.76
100mm	770	69.4
6"	2050	24.2
150mm	1773	156.1
8"	3695	41.66
200mm	3196	268.8
10"	5935	65.53
250mm	5134	422.8
12"	8545	92.73
300mm	7391	598.3
14"	10505	111.76
350mm	9087	721
16"	14030	147.93
400mm	12136	954.4
18"	17900	189.94
450mm	15484	1225.4
20"	22730	235.69
500mm	19661	1520.6
24"	33280	344.55
600mm	28787	2222.9
30"	64900	648.72
750mm	56139	4185.3
36"	95400	934.82
900mm	82521	6031.1

*Cv = Flow in GPM of water at 1 psi pressure drop.
Kv = Flow in m³/hr. of water at 100kPa pressure drop.

Valve and Actuator Weights

Valve Size	Basic Valve	With Handwheel	With Bevel Gear & Handwheel	With Cylinder		
				Size	Lbs.	Kg.
2"	7	15	N/A	4" (100mm)	22	10
50mm	3	7				
3"	11	22	N/A	4" (100mm)	26	12
80mm	5	10				
4"	16	28	N/A	4" (100mm)	32	15
100mm	7	13		6" (150mm)	47	22
6"	28	44	N/A	4" (100mm)	53	24
150mm	13	20		6" (150mm)	68	31
8"	45	72	N/A	8" (200mm)	77	35
200mm	20	33		6" (150mm)	88	40
10"	69	102	141	8" (200mm)	98	44
250mm	31	46	64	8" (200mm)	134	61
12"	99	143	178	10" (250mm)	168	76
300mm	45	65	81	12" (300mm)	198	90
14"	127	183	216	8" (200mm)	170	77
350mm	58	83	98	10" (250mm)	204	92
				12" (300mm)	234	106
				10" (250mm)	238	108
				12" (300mm)	270	122

Note:
Weights are approximate and do not include crating.

Pounds
Kilograms

Valve Size	Basic Valve	With Handwheel	With Bevel Gear & Handwheel	With Cylinder		
				Size	Lbs.	Kg.
16"	174	252	277	10" (250mm)	301	136
400mm	79	114	126	12" (300mm)	332	150
18"	227	328	336	14" (350mm)	361	164
450mm	103	149	152	12" (300mm)	397	180
20"	319	439	446	14" (350mm)	427	194
500mm	145	199	202	16" (400mm)	499	226
24"	473	607	611	14" (350mm)	529	240
600mm	215	275	277	16" (400mm)	809	367
30"	600	N/A	798	12" (300mm)	670	304
750mm	272		362	14" (350mm)	701	318
36"	785	N/A	1013	16" (400mm)	997	452
900mm	356		459	18" (450mm)	1090	494
				20" (500mm)	1023	464
				14" (350mm)	1055	479
				16" (400mm)	1167	529
				18" (450mm)	1265	574
				20" (500mm)	1376	624
				14" (350mm)	1277	579
				16" (400mm)	1396	633
				18" (450mm)	1499	680
				20" (500mm)	1613	732

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:

KGN = Cast Stainless Steel Knife Gate Valves

Valve Size

Give valve size code as follows:

2	=	2"	(50mm)	14	=	14"	(350mm)
3	=	3"	(80mm)	16	=	16"	(400mm)
4	=	4"	(100mm)	18	=	18"	(450mm)
6	=	6"	(150mm)	20	=	20"	(500mm)
8	=	8"	(200mm)	24	=	24"	(600mm)
10	=	10"	(250mm)	30	=	30"	(750mm)
12	=	12"	(300mm)	36	=	36"	(900mm)

Notes: Gate roller supports are required on 24" 30" and 36" valves when the valve is not mounted in an upright position.

Body Style

Give body style code as follows:

MSU = Metal Seated Unidirectional

End Connection

Give end connection code as follows:

F1 = Flanged, ASME 150 UNC Tapping for Threads

Ordering Example:

KGN,6,MSU,F1,S2,MSP,S2-M*Actuator

Body Material

Give body material code as follows:

S1 = 304 Stainless Steel (10" and larger only)
S2 = 316 Stainless Steel

Packing Material

Give packing material code as follows:

Standard Packing

MSP = Square Braided PTFE Impregnated Synthetic
Fiber to 500°F (260°C) (pH Range 4-10)

Special Packing

CWP = Square Braided PTFE Packing with
one ring Copper Wire Braided
Scraper to 500°F (260°C) (pH Range 4-10)
TDP = Dry Service Square Braided PTFE Packing with
solid PTFE Cord to 500°F (260°C) (pH Range 0-14)
HBP = High Temperature Braided Packing to
1000°F (540°C) (pH Range 4-10)
KWP = Square Braided PTFE Packing with One Ring Kevlar®
(para-aramid) Fiber Scraper to 500°F (260°C) (pH Range 4-10)
M03055 = PTFE Square Braided Packing with Fluoroelastomer Cord to
400°F (205°C) (pH Range 0-14)

Gate Material

Give gate material code as follows:

S1 = 304 Stainless Steel (10" and larger only)
S2 = 316 Stainless Steel

Seat Material

Give seat material code as follows:

M = Metal Seated to 1000°F (540°C)

Note:

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

Manual Actuators

Manual Actuators are available with Carbon Steel (CS) or Type 304 Stainless Steel (S1) Yoke.

Handwheel Actuators

Valve Size	Order Code Yoke Material		Maximum Pressure Differential (psi/kPa)
	Carbon Steel	304 SST	
2" 50mm	MN-HD10-CS	MN-HD10-S1	150 1030
3" 80mm	MN-HD10-CS	MN-HD10-S1	150 1030
4" 100mm	MN-HD10-CS	MN-HD10-S1	150 1030
6" 150mm	MN-HD12-CS	MN-HD12-S1	150 1030
8" 200mm	MN-HD12-CS	MN-HD12-S1	150* 1030
10" 250mm	MN-HD14-CS	MN-HD14-S1	150* 1030
12" 300mm	MN-HD14-CS	MN-HD14-S1	125* 860
14" 350mm	MN-HD18-CS	MN-HD18-S1	100* 690
16" 400mm	MN-HD18-CS	MN-HD18-S1	75* 515
18" 450mm	MN-HD24-CS	MN-HD24-S1	50* 340
20" 500mm	MN-HD24-CS	MN-HD24-S1	25* 170
24" 600mm	MN-HD24-CS	MN-HD24-S1	25* 170

* Bevel gear actuators recommended for dry solids paper stock slurries or when pressure exceeds limits shown.

Ordering Example:

KGn,14,MSU,F1,S2,MSP,S2-M*MN-HD18-S1

Bevel Gear Handwheel Actuators

Valve Size	Order Code Yoke Material		Maximum Pressure Differential (psi/kPa)
	Carbon Steel	304 SST	
10" 250mm	MNB-HD12-CS	MNB-HD12-S1	150 1030
12" 300mm	MNB-HD12-CS	MNB-HD12-S1	150 1030
14" 350mm	MNB-HD12-CS	MNB-HD12-S1	150 1030
16" 400mm	MNB-HD12-CS	MNB-HD12-S1	150 1030
18" 450mm	MNB-HD12-CS	MNB-HD12-S1	150 1030
20" 500mm	MNB-HD16-CS	MNB-HD16-S1	150 1030
24" 600mm	MNB-HD16-CS	MNB-HD16-S1	150 1030
30" 750mm	MNB-HD30-CS	MNB-HD30-S1	100 690
36" 900mm	MNB-HD30-CS	MNB-HD30-S1	100 690

Notes:

Available with 180 degree mounting add -180 after the actuator order code and as 2nd line information on the order.

Bevel Gear actuators provide vertical mounting of the handwheel or chainwheel or can be used where space limitations dry solids paper stock slurries or pressure limits prohibit the use of a standard handwheel actuator.

Ordering Example:

KGn,14,MSU,F1,S2,MSP,S2-M*MNB-HD12-S1

Cylinder Actuators

Cylinder Actuators are available with Carbon Steel (CS) or Type 304 Stainless Steel (S1) Yoke.

60 PSI (410 kPa) Air Supply

Valve Size	Order Code		Maximum Pressure Differential (psi/kPa)	
			On - Off	
	Carbon Steel Yoke	304 SST Yoke	Dry Solids Slurries Paper Stock	Liquids & Gases
2" 50mm	CY-PC4-CS	CY-PC4-S1	150 1030	150 1030
3" 80mm	CY-PC4-CS	CY-PC4-S1	150 1030	150 1030
4" 100mm	CY-PC4-CS	CY-PC4-S1	100 690	150 1030
	CY-PC6-CS	CY-PC6-S1	150 1030	N/R
6" 150mm	CY-PC4-CS	CY-PC4-S1	N/A	50 340
	CY-PC6-CS	CY-PC6-S1	125 860	150 1030
	CY-PC8-CS	CY-PC8-S1	150 1030	N/R
8" 200mm	CY-PC6-CS	CY-PC6-S1	75 515	125 860
	CY-PC8-CS	CY-PC8-S1	150 1030	150 1030
10" 250mm	CY-PC8-CS	CY-PC8-S1	100 690	150 1030
	CY-PC10-CS	CY-PC10-S1	150 1030	N/R
12" 300mm	CY-PC8-CS	CY-PC8-S1	75 515	125 860
	CY-PC10-CS	CY-PC10-S1	125 860	150 1030
	CY-PC12-CS	CY-PC12-S1	150 1030	N/R
14" 350mm	CY-PC10-CS	CY-PC10-S1	100 690	150 1030
	CY-PC12-CS	CY-PC12-S1	150 1030	N/R
16" 400mm	CY-PC10-CS	CY-PC10-S1	75 515	125 860
	CY-PC12-CS	CY-PC12-S1	125 860	150 1030
	CY-PC14-CS	CY-PC14-S1	150 1030	N/R
18" 450mm	CY-PC12-CS	CY-PC12-S1	100 690	150 1030
	CY-PC14-CS	CY-PC14-S1	150 1030	N/R
20" 500mm	CY-PC12-CS	CY-PC12-S1	50 340	125 860
	CY-PC14-CS	CY-PC14-S1	125 860	150 1030
	CY-PC16-CS	CY-PC16-S1	150 1030	N/R
24" 600mm	CY-PC12-CS	CY-PC12-S1	25 170	75 515
	CY-PC14-CS	CY-PC14-S1	75 515	150 1030
	CY-PC16-CS	CY-PC16-S1	150 1030	N/R
30" 750mm	CY-PC14-CS	CY-PC14-S1	25 170	75 515
	CY-PC16-CS	CY-PC16-S1	75 515	100 690
	CY-PC18-CS	CY-PC18-S1	100 690	N/R
36" 900mm	CY-PC14-CS	CY-PC14-S1	N/A	50 340
	CY-PC16-CS	CY-PC16-S1	25 170	75 515
	CY-PC18-CS	CY-PC18-S1	75 515	100 690
	CY-PC20-CS	CY-PC20-S1	100 690	N/R

N/R = Not Required. Use next smaller actuator.
N/A = Not Available. Use next larger actuator.

80 PSI (550 kPa) Air Supply

Valve Size	Order Code		Maximum Pressure Differential (psi/kPa)	
			On - Off	
	Carbon Steel Yoke	304 SST Yoke	Dry Solids Slurries Paper Stock	Liquids & Gases
2" 50mm	CY-PC4-CS	CY-PC4-S1	150 1030	150 1030
3" 80mm	CY-PC4-CS	CY-PC4-S1	150 1030	150 1030
4" 100mm	CY-PC4-CS	CY-PC4-S1	150 1030	150 1030
6" 150mm	CY-PC4-CS	CY-PC4-S1	50 340	75 515
	CY-PC6-CS	CY-PC6-S1	150 1030	150 1030
8" 200mm	CY-PC6-CS	CY-PC6-S1	100 690	150 1030
	CY-PC8-CS	CY-PC8-S1	150 1030	N/R
10" 250mm	CY-PC8-CS	CY-PC8-S1	150 1030	150 1030
12" 300mm	CY-PC8-CS	CY-PC8-S1	100 690	150 1030
	CY-PC10-CS	CY-PC10-S1	150 1030	N/R
14" 350mm	CY-PC10-CS	CY-PC10-S1	125 860	150 1030
	CY-PC12-CS	CY-PC12-S1	150 1030	N/R
16" 400mm	CY-PC10-CS	CY-PC10-S1	100 690	150 1030
	CY-PC12-CS	CY-PC12-S1	150 1030	N/R
18" 450mm	CY-PC12-CS	CY-PC12-S1	150 1030	150 1030
20" 500mm	CY-PC12-CS	CY-PC12-S1	125 860	150 1030
	CY-PC14-CS	CY-PC14-S1	150 1030	N/R
24" 600mm	CY-PC12-CS	CY-PC12-S1	75 515	150 1030
	CY-PC14-CS	CY-PC14-S1	150 1030	N/R
30" 750mm	CY-PC12-CS	CY-PC12-S1	25 170	75 515
	CY-PC14-CS	CY-PC14-S1	75 515	100 690
	CY-PC16-CS	CY-PC16-S1	100 690	N/R
36" 900mm	CY-PC14-CS	CY-PC14-S1	25 170	75 515
	CY-PC16-CS	CY-PC16-S1	75 515	100 690
	CY-PC18-CS	CY-PC18-S1	100 690	N/R

Ordering Example:

KGN,4,MSU,F1,S2,MSP,S2-M*CY-PC4-CS-180

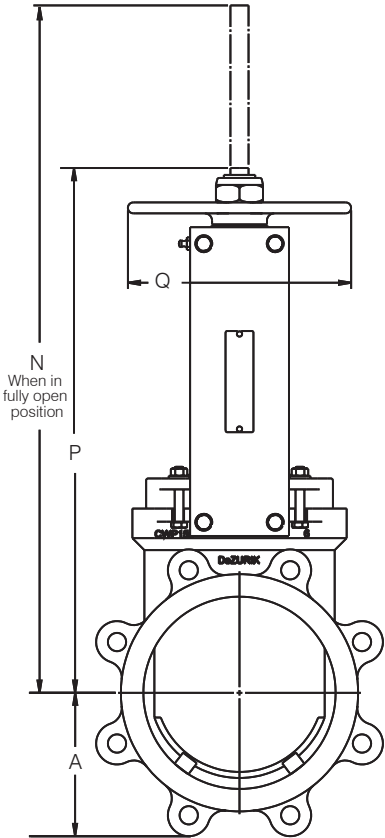
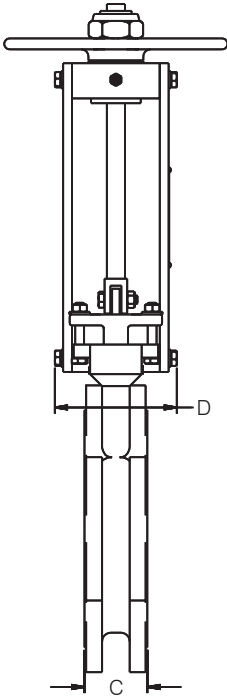
Actuator mounted 180 degree from standard

Dimensions

Basic Valve with Handwheel Actuator

Valve Size	A	C	D	N	P	Q
2"	2.30	1.88	3.24	13.36	11.19	10.00
50mm	58	48	82	339	284	254
3"	2.87	2.00	3.39	16.86	13.83	10.00
80mm	73	51	86	428	351	254
4"	4.21	2.00	3.39	19.24	15.35	10.00
100mm	107	51	86	489	390	254
6"	5.14	2.25	4.37	25.43	18.80	12.00
150mm	131	57	111	646	478	305
8"	6.22	2.75	4.51	29.47	21.91	12.00
200mm	158	70	115	749	557	305
10"	7.67	2.75	5.17	34.77	25.37	14.00
250mm	195	70	131	883	644	356
12"	9.00	3.00	6.12	39.62	28.29	14.00
300mm	229	76	155	1006	719	356
14"	10.04	3.00	6.36	43.81	31.53	18.00
350mm	255	76	162	1113	801	457
16"	11.41	3.50	7.31	49.80	35.57	18.00
400mm	290	89	186	1265	904	457
18"	12.24	3.50	7.31	55.28	39.26	24.00
450mm	311	89	186	1404	997	610
20"	13.43	4.50	8.38	60.98	43.14	24.00
500mm	341	114	213	1549	1096	610
24"	15.75	4.50	8.36	70.39	48.93	24.00
600mm	400	114	212	1788	1243	610
30"	19.28	4.62	Refer to Bevel Gear Actuator Chart			
750mm	490	117				
36"	22.89	4.62				
900mm	581	117				

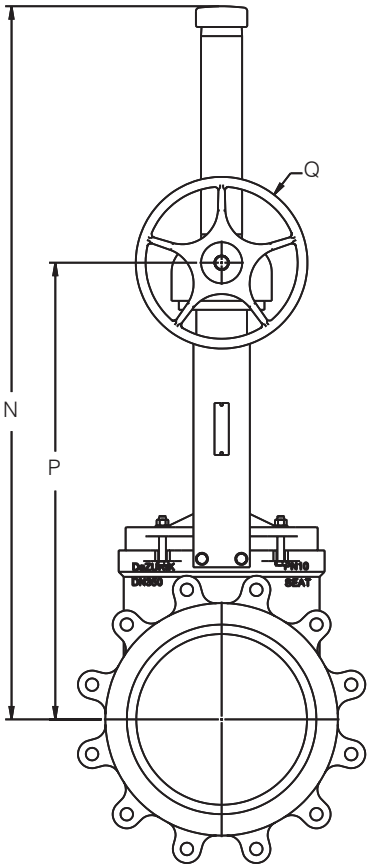
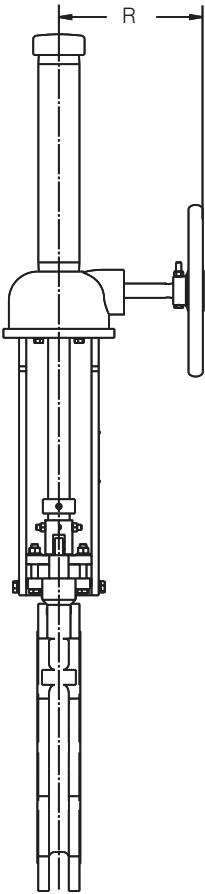
Inches
Millimeters



Bevel Gear Actuator

Valve Size	N	P	Q	R
10"	40.66	26.24	12.00	10.12
250mm	1033	667	305	257
12"	44.09	29.67	12.00	10.12
300mm	1120	754	305	257
14"	49.84	31.91	12.00	10.12
350mm	1266	811	305	257
16"	53.55	35.63	12.00	10.12
400mm	1360	905	305	257
18"	61.45	39.52	12.00	10.12
450mm	1561	1004	305	257
20"	65.05	43.12	16.00	10.50
500mm	1652	1095	406	267
24"	74.78	48.85	16.00	10.50
600mm	1899	1241	406	267
30"	105.93	69.31	30.00	12.49
750mm	2691	1761	762	317
36"	116.81	80.20	30.00	12.49
900mm	2967	2037	762	317

Inches
Millimeters



Dimensions

Cylinder Actuator

2-20" (50-500mm)

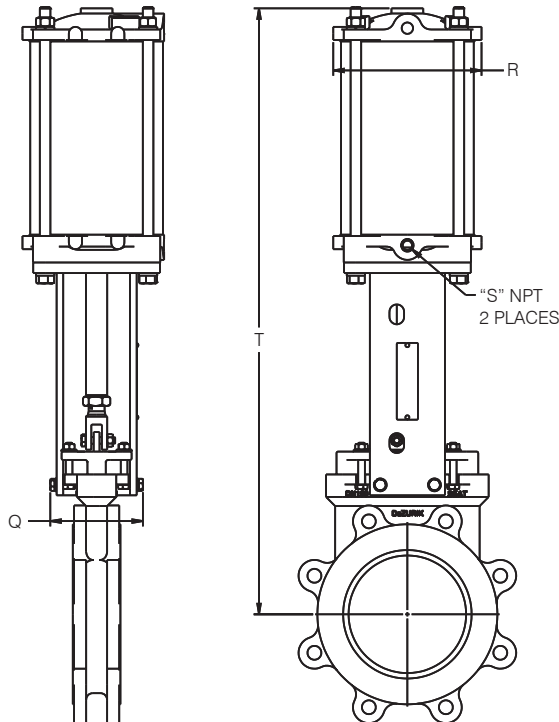
Valve Size	Actuator Code	Q	R	S	T
2" 50mm	CY-PC4	<u>3.08</u> 78	<u>5.00</u> 127	1/4"	<u>18.95</u> 481
3" 80mm	CY-PC4	<u>3.26</u> 83	<u>5.00</u> 127	1/4"	<u>22.18</u> 563
4" 100mm	CY-PC4	<u>3.26</u> 83	<u>5.00</u> 127	1/4"	<u>23.71</u> 602
	CY-PC6	<u>3.26</u> 83	<u>7.00</u> 178	1/4"	<u>25.31</u> 643
6" 150mm	CY-PC4	<u>4.37</u> 111	<u>5.00</u> 128	1/4"	<u>28.91</u> 734
	CY-PC6	<u>4.37</u> 111	<u>7.00</u> 178	1/4"	<u>28.93</u> 735
	CY-PC8	<u>4.37</u> 111	<u>9.00</u> 229	1/4"	<u>29.37</u> 746
8" 200mm	CY-PC6	<u>4.50</u> 114	<u>7.00</u> 178	1/2"	<u>34.15</u> 867
	CY-PC8	<u>4.50</u> 114	<u>9.00</u> 229	1/2"	<u>34.63</u> 880
10" 250mm	CY-PC8	<u>5.39</u> 137	<u>9.00</u> 229	1/2"	<u>42.54</u> 1081
	CY-PC10	<u>5.39</u> 137	<u>11.25</u> 286	1/2"	<u>43.95</u> 1116
12" 300mm	CY-PC8	<u>6.18</u> 157	<u>9.00</u> 229	1/2"	<u>45.85</u> 1165
	CY-PC10	<u>6.18</u> 157	<u>11.25</u> 286	1/2"	<u>47.25</u> 1200
	CY-PC12	<u>6.18</u> 157	<u>13.25</u> 337	1/2"	<u>47.22</u> 1199
14" 350mm	CY-PC10	<u>6.41</u> 163	<u>11.25</u> 286	1/2"	<u>53.04</u> 1347
	CY-PC12	<u>6.41</u> 163	<u>13.25</u> 337	1/2"	<u>53.01</u> 1347
16" 400mm	CY-PC10	<u>7.27</u> 185	<u>11.25</u> 286	1/2"	<u>56.44</u> 1434
	CY-PC12	<u>7.27</u> 185	<u>13.25</u> 337	1/2"	<u>56.41</u> 1433
	CY-PC14	<u>7.27</u> 185	<u>15.50</u> 394	1/2"	<u>56.47</u> 1434
18" 450mm	CY-PC12	<u>7.31</u> 186	<u>13.25</u> 337	1/2"	<u>64.30</u> 1633
	CY-PC14	<u>7.31</u> 186	<u>15.50</u> 394	1/2"	<u>64.36</u> 1635
20" 500mm	CY-PC12	<u>8.10</u> 206	<u>13.25</u> 337	1/2"	<u>67.90</u> 1725
	CY-PC14	<u>8.10</u> 206	<u>15.50</u> 394	1/2"	<u>67.96</u> 1726
	CY-PC16	<u>8.10</u> 206	<u>17.00</u> 432	1/2"	<u>69.59</u> 1768

Inches
Millimeters

24-36" (600-900mm)

Valve Size	Actuator Code	Q	R	S	T
24" 600mm	CY-PC12	<u>8.36</u> 212	<u>13.25</u> 337	1/2"	<u>77.63</u> 1972
	CY-PC14	<u>8.36</u> 212	<u>15.50</u> 394	1/2"	<u>77.69</u> 1973
	CY-PC16	<u>8.36</u> 212	<u>17.00</u> 432	1/2"	<u>79.32</u> 2015
30" 750mm	CY-PC12	<u>9.46</u> 240	<u>13.25</u> 337	1/2"	<u>91.30</u> 2319
	CY-PC14	<u>9.46</u> 240	<u>15.50</u> 394	1/2"	<u>92.05</u> 2338
	CY-PC16	<u>9.46</u> 240	<u>17.00</u> 432	1/2"	<u>92.18</u> 2341
	CY-PC18	<u>9.46</u> 240	<u>19.00</u> 483	1/2"	<u>92.43</u> 2348
36" 900mm	CY-PC14	<u>9.46</u> 240	<u>15.50</u> 394	1/2"	<u>108.75</u> 2762
	CY-PC16	<u>9.46</u> 240	<u>17.00</u> 432	1/2"	<u>108.88</u> 2766
	CY-PC18	<u>9.46</u> 240	<u>19.00</u> 483	1/2"	<u>109.00</u> 2769
	CY-PC20	<u>9.46</u> 240	<u>21.00</u> 533	1/2"	<u>109.38</u> 2778

Inches
Millimeters



Cylinder Actuator Accessories

Air Filter Regulator

The DeZURIK Air Filter Regulator is designed to provide clean accurate air pressure to all pneumatic actuators.

Position Indicating Switches

For all pneumatic actuators position indicating switches may be ordered as part of a complete valve/actuator assembly. Two switches will automatically be set to indicate full open and full closed positions.

Four-Way Solenoid Valve

For all pneumatic actuators solenoid valves may be ordered mounted and piped as part of the complete valve/actuator assembly or as a separate item.

Sales and Service

For information about our worldwide locations, approvals, certifications and local representative:

Web Site: DeZURIK.com **E-Mail:** info@DeZURIK.com



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