



Features:

- # Bi-directional sealing
- # 2PC body design
- # Full port design
- # Fully open and fully closed without retention
- #2PC strong yoke design
- # Mixed with a variety of materials packing

Through Conduit Knife Gate Valve

Working Pressure: DN50-DN100 16bar

DN125-DN200 10bar DN250-DN400 7bar DN450-DN550 5bar DN600-DN700 3bar DN800-DN900 2bar DN1000-DN1400 1bar

Type: Wafer, Lug, Flange
Design Standard: MSS SP-81

Flange Standard: DIN PN10,PN16,150LB ,JIS 10K,TABLE E/D

Face to Face: MSS SP-81 Testing Standard: API-598

Operation: handwheel, electric, pneumatic, hydraulic, gear box

Main material: WCB,F55,F53,2205,SS310,CF3M,CF3,CF8M,CF8 Knife material: F55, F53,2205, SS310, SS316L,SS316, SS304

Sealing material: EPDM, NBR, FKM, Metal

Packing: high-water-based rubber packing graphite wheel

Applicable medium: Applicable for coal in power plant, sewage treatment, food,

Pulp&paper making, medicine, petroleum and chemical industry, water, oil, steam, connecting or cutting grout, gold powder, ores, slag, coal, pulp, wood pulp, tailings, fibers, dust, chemicals, sewage treatment, sedimentation tanks, asphalt, bunker discharge, cereals, slaughter plant waste.

Product Description:

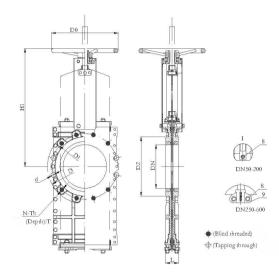
C-KG1W through conduit knife gate valve is one type of bi-directional seal knife gate valve with no groove. cast iron body with the over all structure knife gate valve, including valve' body, gate, and U-shaped flexible seal at the bottom of the body with grooves. When the valve is closed, the gate bottom edge contacts with the seal and then compresses the seal into the groove in the body, achieving in the valve sealing; when the gate is open, the gate separates from the bottom edge of the seal, seal will bounce to same level as groove, which will prevent the media sediment accumulated in the body cavity of the groove, no clogging, no residue, pipe easy to clean, so as to effectively improve the sealing effect knife gate valve to prevent leakage when the valve is closed.

19	Code	Name	Material	QTY
	1*	Hand wheel	Malleable Steel	1
	2	Bearing	ZChSnSb10-6	2
	3	Handle Bracket	GGG40	1
	4	Stem	Q235/SS304/SS316	4
7-7	5	Yoke	Q235	2
18	6	Bolt & Nut	SS201 / SS304	N
	7	Disc	F55.F53.2205.SS304.SS316	1
7-	8	Nut	SS201/SS304	Ν
13	9	Seat Gland	SS201/SS304/SS316	2
	10	Seat	EPDM/NBR/FKM	2
17	11	Body	F55.F53.CF3M.CF8M.CF8.WCB.GGG40	2
	12	Scraper	PTFE	4
THE STATE OF THE S	13	Packing Gland	SS201/SS304	2
	14	Packing	EPDM/NBR/PTFE	2
20-	15	Body Sealing	EPDM/NBR/FKM	2
	16	Bolt	SS201/SS304	N
= 16	17	Packing	EPDM/NBR/FKM	3-5
	18	Chuck	SS201/SS304/SS316	1
	19	Stem Nut	Brass	1





Dimension

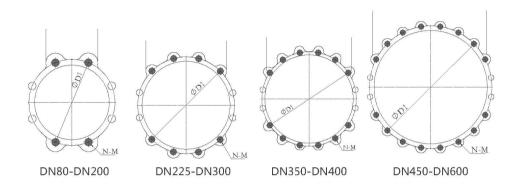


unit:mm																
		DIN	12632	PN10							A	NSI 15	OLB			
L	D	D1	D2	D0	N-Th	d	H1	DN	L	D	D1	D2	D0	N-Th	d	H1
48	165	125	99	180	4-M16	Ø18	260	2"	48	152	121	92	180	4-5/8"	Ø19	260
48	185	145	118	200	4-M16	Ø18	292	2-1/2"	48	178	140	105	200	4-5/8"	Ø19	292
51	200	160	132	200	8-M16	Ø18	320	3"	51	191	153	127	200	4-5/8"	Ø19	320
51	220	180	156	240	8-M16	Ø18	358	4"	51	229	191	157	240	8-5/8"	Ø19	358
57	250	210	184	260	8-M16	Ø18	395	5"	57	254	216	186	260	8-3/4"	Ø22	395
57	285	240	211	280	8-M20	Ø23	450	6"	57	279	242	216	280	8-3/4"	Ø22	450
70	340	295	266	300	8-M20	Ø23	532	8"	70	343	299	270	300	8-3/4"	Ø22	532
70	395	350	319	320	12-M20	Ø23	670	10"	70	406	362	324	320	12-7/8"	Ø25	670
76	445	400	370	350	12-M20	Ø23	758	12"	76	483	432	381	350	12-7/8"	Ø25	758
76	505	460	429	400	16-M20	Ø23	857	14"	76	533	476	413	400	12-1"	Ø29	857
89	565	515	480	450	16-M24	Ø27	946	16"	89	597	540	470	450	16-1"	Ø29	946
89	615	565	530	500	20-M24	Ø27	1023	18"	89	635	578	533	500	16-1 1/8"	Ø32	1023
114	670	620	582	500	20-M24	Ø27	Gear	20"	114	699	635	584	500	20-1 1/8"	Ø32	Gear
114	725	680	638	-	20-M27	Ø30	Gear	22"	114	750	692	641	-	20-1 1/4"	Ø35	Gear
114	780	725	682	-	20-M27	Ø30	Gear	24"	114	813	750	691	-	20-1 1/4"	Ø35	Gear
	L 48 48 51 51 57 70 70 76 76 89 89 114 114	L D 48 165 48 185 51 200 51 220 57 250 57 285 70 340 70 395 76 445 76 505 89 565 89 615 114 670 114 725	DIN L D D1 48 165 125 48 185 145 51 200 160 57 250 210 57 285 240 70 340 295 70 395 350 76 445 400 76 505 460 89 565 515 89 615 565 114 670 620 114 725 680	DIN≥632 L D D1 D2 48 165 125 99 48 185 145 118 51 200 160 132 51 220 180 156 57 250 210 184 57 285 240 211 70 340 295 266 70 395 350 319 76 445 400 370 76 505 460 429 89 565 515 480 89 615 565 530 114 670 620 582 114 725 680 638	DIN2632 PN10 L D D1 D2 D0 48 165 125 99 180 48 185 145 118 200 51 200 160 132 200 51 220 180 156 240 57 250 210 184 260 57 285 240 211 280 70 340 295 266 300 70 395 350 319 320 76 445 400 370 350 76 505 460 429 400 89 565 515 480 450 89 615 565 530 500 114 670 620 582 500 114 725 680 638 -	DIN≥632 PN10 L D D1 D2 D0 N-Th 48 165 125 99 180 4-M16 48 185 145 118 200 4-M16 51 200 160 132 200 8-M16 51 220 180 156 240 8-M16 57 250 210 184 260 8-M16 57 285 240 211 280 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PN10 Threaded hole and Tapping hole





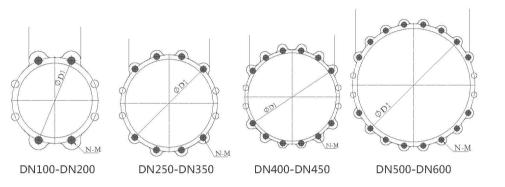


			PN10			
DN	D1	N	M	Т	Thread Hole	Tapping Hole
80	160	8	M16	13	4	4
100	180	8	M16	13	4	4
125	210	8	M16	16	4	4
150	240	8	M16	16	4	4
200	295	8	M20	20	4	4
225	310	12	M20	20	8	4
250	350	12	M20	20	8	4
300	400	12	M20	20	8	4
350	460	16	M20	20	12	4
400	515	16	M24	24	12	4
450	565	20	M24	24	16	4
500	620	20	M24	24	16	4
550	680	20	M27	24	16	4
600	725	20	M27	27	16	4





150LB Threaded hole and Tapping hole







			ANSI 150LB			
DN	D1	N	M	T	Thread Hole	Tapping Hole
4"	191	8	M5/8-11	12	4	4
5"	216	8	M3/4-10	12	4	4
6"	242	8	M3/4-10	14	4	4
8"	299	8	M3/4-10	16	4	4
10"	362	12	M7/8-9	16	8	4
12"	432	12	M7/8-9	16	8	4
14"	476	12	M1-8	18	8	4
16"	540	16	M1-8	20	12	4
18"	578	16	M1 1/8-7	20	12	4
20"	635	20	M1 1/8-7	24	16	4
22"	692	20	M1 1/4-7	24	16	4
24"	750	20	M1 1/4-7	27	16	4

