

Machine details

Name	KNIFE-GATE VALVES
Item Number	175
Manufacturer	CMO
Type	
Available from	
Quality	Like New
Location	Hadera

Description

like new, unused knife valves.
several measurments between 8-18"

This knife gate valve is suitable for liquids that contain a maximum of 5% suspended solids.

If it is used for dry solids in gravity feed applications it should be installed with the arrow on the body pointing in the opposite direction to the flow. Designed for applications such as: paper Industry, Chemical plants, Sewage treatment, Mining, Pumping, Silo emptying, Food Industry.

Sizes: ND50 to ND2000

Working Pressure: ND50 to ND150: 10kg/cm/2

ND200: 8kg/cm/2

ND250 to ND300 : 6kg/cm/2

ND350 to ND400: 5kg/cm/2

ND450 to ND600: 3kg/cm/2

ND700 to ND1400: 2kg/cm/2

made in Spain

[link to the manufacturer's website](#)

Costs

Auction Fee	15%
VAT	VAT Included

Delivery Terms	Factory gate loading by us
Cost Loading	NIS
Shipping costs	
Payment terms	Full payment before collection

Technical details

Dimensions	x x mm
Weight	kg

Contact details

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Gallery











KNIFE-GATE VALVES

A SERIES

INFORMATION ON FLANGE DIMENSIONS

EN 1092-2 PN10

ND	ΔP (Kg/cm ²)	e	O	Metric	Prof	ϕK
50	10	4	-	M 16	10	125
65	10	4	-	M 16	10	145
80	10	4	4	M 16	12	160
100	10	4	4	M 16	12	180
125	10	4	4	M 16	12	210
150	10	4	4	M 20	17	240
200	8	4	4	M 20	16	295
250	6	6	6	M 20	19	350
300	6	6	6	M 20	19	400
350	5	10	6	M 20	28	460
400	5	10	6	M 24	28	515
450	3	14	6	M 24	28	565
500	3	14	6	M 24	34	620
600	3	14	6	M 27	26	725
700	2	16	8	M 27	25	840
800	2	16	8	M 30	22	950
900	2	20	8	M 30	21	1050
1000	2	20	8	M 33	21	1160
1100	2	20	12	M 33	30	1270
1200	2	20	12	M 36	30	1380
1300	2	20	12	M 36	35	1490
1400	2	24	12	M 39	35	1590
1500	2	24	12	M 39	28	1700
1600	2	28	12	M 45	40	1820
1700	2	30	14	M 45	40	1920
1800	2	30	14	M 45	36	2020
1900	2	32	16	M 45	45	2120
2000	2	32	16	M 45	45	2230

Table 13

ANSI B16.5, class 150

ND	ΔP (Kg/cm ²)	e	O	R UNC	Prof.	ϕK
2"	10	4	-	5/8"	10	120,6
2 1/2"	10	4	-	5/8"	10	139,7
3"	10	4	-	5/8"	12	152,4
4"	10	4	4	5/8"	12	190,5
5"	10	4	4	3/4"	12	215,9
6"	10	4	4	3/4"	17	241,3
8"	8	4	4	3/4"	16	298,4
10"	6	6	6	7/8"	19	361,9
12"	6	6	6	7/8"	19	431,8
14"	5	8	4	1"	28	476,2
16"	5	10	6	1"	28	539,7
18"	3	10	6	1 1/4"	28	577,8
20"	3	14	6	1 1/4"	34	635
24"	3	14	6	1 1/4"	26	749,3
28"	2	16	8	1 1/4"	25	863,6
30"	2	18	10	1 1/4"	22	977,9
32"	2	20	12	1 1/4"	21	1085,9
36"	2	24	12	1 1/4"	21	1200,2
40"	2	26	18	1 1/4"	30	1422,4

Table 14

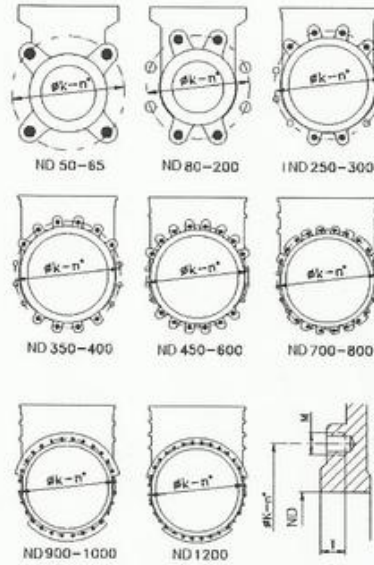
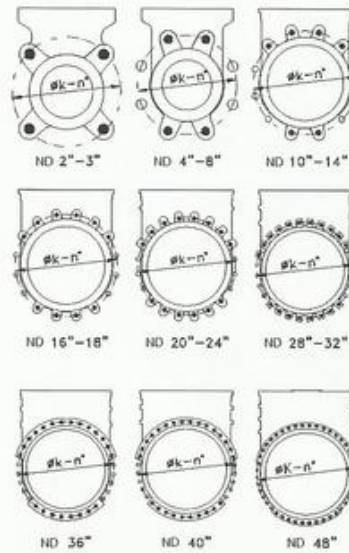


fig. 25

• BLIND TAPPED HOLES
○ THROUGH HOLE



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TEC-A.EN03

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7- ACTUATORS

All types of actuators can be supplied, with the advantage that the CMO design is fully interchangeable. This design allows the customer to change the actuators themselves and normally no extra assembly accessories are required. In the event any accessory is required, CMO will supply it.

Manual:

- Handwheel with rising stem
- Handwheel with non-rising stem
- Chainwheel
- Lever
- Gear Box
- Others (square nut,...)

Automatic:

- Electric actuator
- Pneumatic cylinder
- Hydraulic cylinder

A design characteristic of CMO S.L. valves is that all actuators are interchangeable.

Wide Range of Accessories Available:

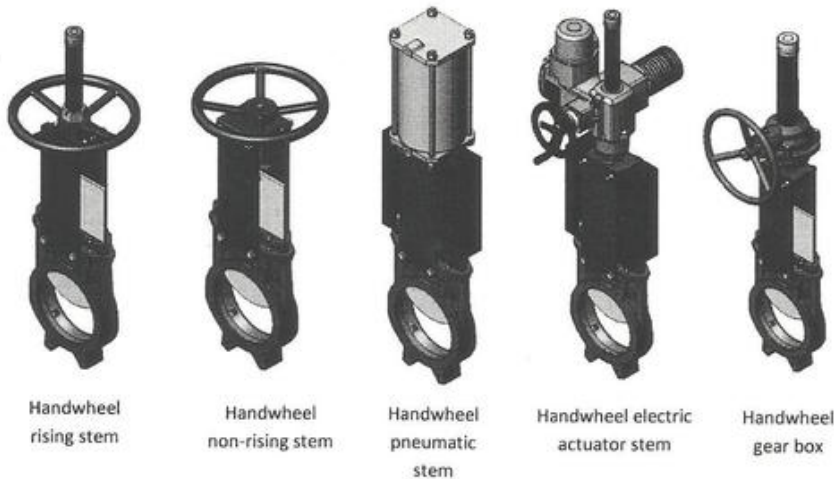
- Mechanical stops
- Locking devices
- Emergency manual actuators
- Solenoid valves
- Positioners
- Limit switches
- Proximity switches
- Floor stands (Fig 5)
- ...



Fig. 5

Stem extensions have also been developed, allowing the actuator to be located far away from the valve, to suit all needs.

Please consult our technicians beforehand.



Handwheel rising stem

Handwheel non-rising stem

Handwheel pneumatic stem

Handwheel electric actuator stem

Handwheel gear box

Fig. 6