

Knife gate valve (wafer), manufactured with one piece monobloc body, supported gate with guides for back flows.

Application

Light and middle services. Water, clean liquids or charged with solids in low concentrations. Pneumatic transport of powders. Middle concentration paper stock.

Manufacturing sizes:

Standard from DN 50 to DN 1200.

Bigger diameters under request.

Working pressures:

From DN 50 to DN 125: 10 (kg/cm²)

DN 150: 8 (kg/cm²)

DN 200: 7 (kg/cm²)

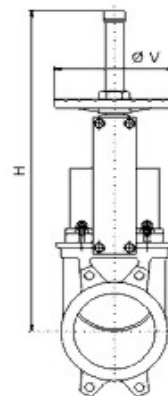
From DN 250 to DN 300: 5 (kg/cm²)

From DN 350 to DN 400: 4 (kg/cm²)

From DN 450 to DN 600: 3 (kg/cm²)

From DN 700 to DN 1200: 2 (kg/cm²)

DN	FACE TO FACE	V	H
50	40	225	420
65	40	225	440
80	50	225	470
100	50	225	510
125	50	225	605
150	60	225	630
200	60	325	800
250	70	325	990
300	70	380	1090
350	96	460	1350
400	100	460	1460
450	106	460	1550
500	110	460	1660
600	110	460	1950
700	110	620	2290
800	110	620	2700
900	110	RED.	2950
1000	110	RED.	3200
1200	150	RED.	3850



ISO standard: The standard manufactured flanges are the followings: DIN PN 10 and ANSI B16.5 (class 150)

Other usual flanges are the followings: (under request) DIN PN 6 /DIN PN 16 /DIN PN 25 BS TABLE "D" γ "E", AS TABLE "D" γ "E", ANSI 125, JIS STANDARD ...

DN	DIN PN10					ANSI 150				
	ΨΒ	Ο	Μ	Ρ	ΨΚ	ΨΒ	Ο	R UNC	P	ΨΚ
50	4	0	M.16	8	125	4	0	5/8"	8	120.6
65	4	0	M.16	8	145	4	0	5/8"	8	139.7
80	4	4	M.16	9	160	4	0	5/8"	9	152.4
100	4	4	M.16	9	180	4	4	5/8"	9	190.5
125	4	4	M.16	9	210	4	4	3/4"	9	215.9
150	4	4	M.20	10	240	4	4	3/4"	10	241.3
200	4	4	M.20	10	295	4	4	3/4"	10	298.4
250	6	6	M.20	12	350	6	6	7/8"	12	361.9
300	6	6	M.20	12	400	6	6	7/8"	12	431.8
350	10	6	M.20	21	460	8	4	1"	21	476.2
400	10	6	M.24	21	515	10	6	1"	21	539.7
450	14	6	M.24	22	565	10	6	1 1/8"	22	577.8
500	14	6	M.24	22	620	14	6	1 1/8"	22	635
600	14	6	M.27	22	725	14	6	1 1/4"	22	749.3
700	16	8	M.27	22	840	0	0	0	0	0
800	16	8	M.30	22	950	0	0	0	0	0
900	20	8	M.30	20	1050	0	0	0	0	0
1000	20	8	M.33	20	1160	0	0	0	0	0
1200	22	10	M.36	22	1380	0	0	0	0	0