



Knife gate valves flanged PN 10



Art. PFZ573

Flanges drilling: EN 1092-2 PN 10

Flange dimensions DIN 2532

Installation: horizontal / vertical

APPLICATIONS • Water supply • Wastewater treatment plants • Sewerage • Industry • Paper industry • Thick fluids

Epoxy painting suitable for drinking water applications.

Knife gate valves with rising stem, manufactured with body in WCB and knife in stainless steel AISI 304. A new concept for knife gate valve, thanks to its compact body as well as its flanged ends that grant capability to stand effective pressure to 10 bar. These knife gate valves can be installed in any position, both flow direction is assisted in one-way only. The knife gate valves grant full passage of the fluid, no pressure drops and are suitable for thick fluids. Standard execution by handwheel, while gearbox or electric actuator on demand for sizes from DN 300 to DN 1000.

Materials

body	steel A216 WCB
knife	stainless steel AISI 304
handwheel	cast iron GG25, EN-GJL-250
stem	stainless steel X20CR13
protective tube	steel
painting	epoxy

Dimensions

DN	L mm.	D1 mm.	N-M	Z - ϕ C mm.	Weight kg.
50	48	125	2-M16	2- ϕ 18	8
65	48	145	2-M16	2- ϕ 18	10
80	48	160	2-M16	6- ϕ 18	11
100	52	180	2-M16	6- ϕ 18	12
125	56	210	2-M16	6- ϕ 18	17
150	58	240	2-M20	6- ϕ 23	21
200	60	295	2-M20	6- ϕ 23	38
250	68	350	4-M20	8- ϕ 23	52
300	78	400	4-M20	8- ϕ 23	63
350	78	460	6-M20	10- ϕ 23	115
400	102	515	6-M24	10- ϕ 27	145
500	127	620	8-M24	12- ϕ 27	221
600	154	725	8-M27	12- ϕ 30	300
700	165	840	10-M27	14- ϕ 30	400
800	190	950	10-M30	14- ϕ 33	600
900	203	1050	12-M30	16- ϕ 33	650
1000	216	1160	12-M33	16- ϕ 36	820

