VALVOTUBI IND.
DIRECT FLOW

Gate valves

Knife gate valve, PN 10



Art. 1903

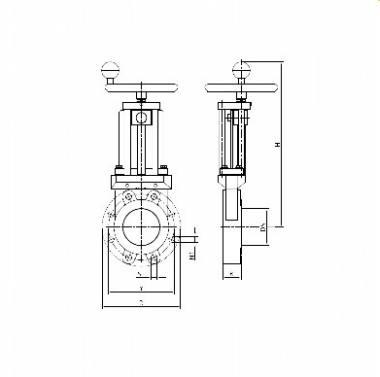
Drilling: EN 1092-1 PN 10
Design: EN 1171 Face to face length: EN 558-1, serie 20
Installation: horizontal/ vertical
APPLICATIONS • Water supply • Wastewater treatment plants • Sewerage • Industry • Paper industry • Thick fluids
- Fig. 1906 with pneumatic operator
- Fig. 1908 with electric actuator
Epoxy paiting suitable for drinking water applications.

The knife gate valves are manufactured with body in cast iron and knife if stainless steel AISI 304. Designed as wafer concentric type, these knife gate valves can be installed in any position, but follow the flow direction 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, pneumatic operator or electric actuator on demand.

Materials

body	cast iron GG25, EN-GJL-250
knife	stainless steel AISI 304
handwheel	cast iron GG25, EN-GJL-250
stem	stainless steel AISI 304
protection tube	steel
painting	epoxy

Dimensions



DN	K mm.	Y mm.	H mm.	D mm.	Weight kg.
50	45	125	370	165	8
65	45	145	405	185	10
80	45	160	435	200	11
100	50	180	445	220	12
125	50	210	480	250	17
150	55	240	535	285	21
200	60	295	660	340	38
250	60	350	765	395	52
300	60	400	880	445	63
350	70	460	970	505	115
400	90	515	1085	565	145
450	110	565	1180	615	186
500	110	620	1300	670	221
600	110	725	1500	780	300
700	110	840	1700	895	400
800	115	950	1900	1015	600
900	130	1050	2500	1115	650
1000	130	1160	2700	1230	820

Pressure

DN	Max working pressure	Temperature
50-150	< 10 Bar	< 100°C
200	< 8 Bar	< 100°C
250	< 6 Bar	< 100°C
300	< 5 Bar	< 100°C
350	< 4 Bar	< 100°C
400	< 3 Bar	< 100°C
450	< 2,5 Bar	< 100°C
500	< 2 Bar	< 100°C
600	< 1,5 Bar	< 100°C
700-1000	< 1 Bar	< 100°C

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