

KNIFE GATE VALVE series PS



VALVES



APPLICATION

Resilient seat knife gate valve for drinking water and neutral liquids up to 80°C

DESIGN FEATURES

Stainless steel stem
100% watertight
Double directional tightness
Clockwise closing
Non-rising stem

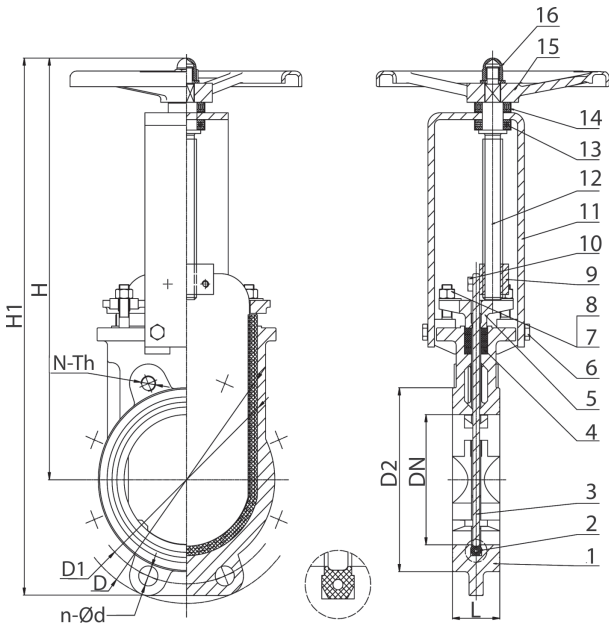
TECHNICAL CHARACTERISTICS

Design in accordance to EN1074
Flange end connections according to EN1092-2: PN10&PN16
Maximum working pressure: DN50-DN250 - PN10/10 bar,
DN300-DN400 - PN6/6 bar, DN500-DN600 - PN4/4 bar
Working temperature: 0°C - +80°C
NBR seat
Stainless steel bolts
Color RAL5015
Handwheel operated (DN50-DN400), from DN500 - with gearbox
Powder epoxy coating 250 µm thickness

OPERATING



DN	Flange drilling	L	H	H1	D2	D1	D	n-Ød	n-Th	KG	BLUCAST ref. no.
50	PN10/16	48	258	340,5	99	125	165	2x Ø18	2x M16	5.8	PSN050
65	PN10/16	48	284	376,5	118	145	185	2x Ø18	2x M16	8	PSN065
80	PN10/16	51	316	416	132	160	200	6x Ø18	2x M16	10	PSN080
100	PN10/16	51	354	464	156	180	220	6x Ø18	2x M16	13	PSN100
125	PN10/16	57	428	553	184	210	250	6x Ø18	2x M16	18	PSN125
150	PN10/16	57	447	589,5	212	240	285	6x Ø23	2x M20	23	PSN150
200	PN10	70	531	701	266	295	340	6x Ø23	2x M20	30	PSN200
250	PN10	70	631	828,5	319	350	395	8x Ø23	4x M20	51	PSN250
300	PN10	76	745	967,5	370	400	445	8x Ø23	4x M20	63	PSN300
350	PN10	76	890	1142,5	430	460	505	8x Ø23	8x M20	117	PSN350
400	PN10	89	980	1262,5	480	515	565	10x Ø27	10x M24	318	PSN400
500	PN10	127	1330	1665	582	620	670	8x Ø27	12x M24	230	PSN500
600	PN10	154	1460	1850	682	725	780	8x Ø30	12x M27	320	PSN600



No.	Item	Material
1	Body	EN-GJS-400-15
2	Seat	EPDM
3	Disc	AISI304
4	Sealing	PTFE
5	Gland	WCB
6	Bolt	AISI201
7	Nut/Bolt	AISI201
8	Nut/Bolt	AISI201
9	Stem	Nut Brass
10	Bolt	SS201
11	Yoke	AISI A3
12	Stem	AISI420
13	Bearing	Stainless steel
14	Bearing Cap	AISI A3
15	Handwheel	EN-GJS-400-15
16	Nut	AISI201

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change