Knife gate valve
type 7400

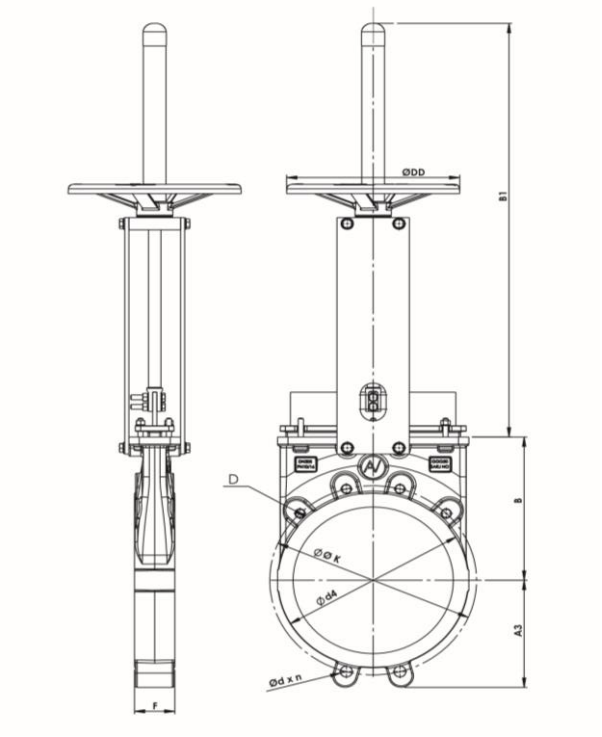
Introduction

Type 7400 is a uni-directional knife gate valve and is a good choice when used for abrasive fluids such as pulp & paper, waste water, bio mass and mining slurries. Tightness in one direction will be secured with a resilient elastomer and metal seal. The valve can be delivered with rising or non-rising spindle. Actuation is provided with a hand wheel, chain wheel, gearbox, pneumatic- or electrical actuation.

Properties

Type	7400 uni-directional Available with rising and non-rising spindle
Body	GGG-50 ductile iron
Knife	Stainless steel 1.4301
Shaft	Stainless steel 1.4021
Seat	EPDM
Bolts	8.8 Electro galvanized
Body coating	Electrostatic epoxy coated (250 microns) RAL5010
Flange connection	PN10 – 16
Operation	Hand wheel, pneumatic, electric or hydraulic
Operating pressure	DN50 – DN125 : 10 bar DN150 : 8 bar DN200 : 7 bar DN250 – DN300 : 5 bar DN350 – DN400 : 4 bar DN450 – DN700 : 3 bar DN800 : 2 bar
Test standard	EN 12266-1
Certificate	EN 10204 3.1 with each delivered valve
Marking	CE

**** Other component materials upon request**



ØDN	A3	B	B1	ØDD	Ød4	F	PN10				PN16		
							Øk	D	n		Øk	D	n
50	60	110	255	235	104	43	125	M16	4		125	M16	4
65	70	120	300	235	118	46	145	M16	4		145	M16	4
80	94	130	320	235	132	50	160	M16	8		160	M16	8
100	103	140	400	235	156	52	180	M16	8		180	M16	8
125	117	160	423	235	184	56	210	M16	8		210	M16	8
150	133	195	473	235	211	56	240	M20	8		240	M20	8
200	165	230	626	310	268	60	295	M20	8		295	M20	12
250	196	265	713	310	319	68	350	M20	12		355	M24	12
300	226	300	835	310	370	78	400	M20	12		410	M24	12
350	260	350	930	310	429	78	460	M20	16		470	M24	16
400	285	420	1080	400	482	102	515	M24	16		525	M27	16
500	359	495	1296	600	582	127	620	M24	20		650	M30	20
600	422	595	1500	600	682	154	725	M27	20		770	M33	20
700	452	750	1630	600	790	165	840	M27	24		840	M33	24
800	530	920	1882	600	900	190	950	M30	24		950	M36	24