

KNIFE GATE VALVE / 6500



PN 10-16
DN50→DN600

PRODUCTION STANDARDS

END CONNECTION	FLANGED TS EN 1092-2 / ISO 7005-2
TEST	TS EN 12266-1
MARKING	TS EN 19

FEATURES

- FAF6500 PN10/16 Knife Gate Valve is operating by the knife shaped wedge moving perpendicular to the flow axis through a worm machined stem multi turned
- Knife shaped wedge closes the flow section and through EPDM sealings, %100 tight sealing is achieved
- Can be manufactured with unidirectional or bidirectional
- Can be manufactured suitable for wafer or lug type installation
- Through knife shaped wedge cutting the fibrous flows, it enables the valve to be used in wastewater and pulp industry.
- Maintenance of the valve can be done through replacing the
- Body material can be cast iron or ductile iron
- Various type of disc materials(SS304-SS304L-SS316-SS316L) are available.
- Automatization is possible through installing actuators(pneumatic piston / multi turn electrical actuator)

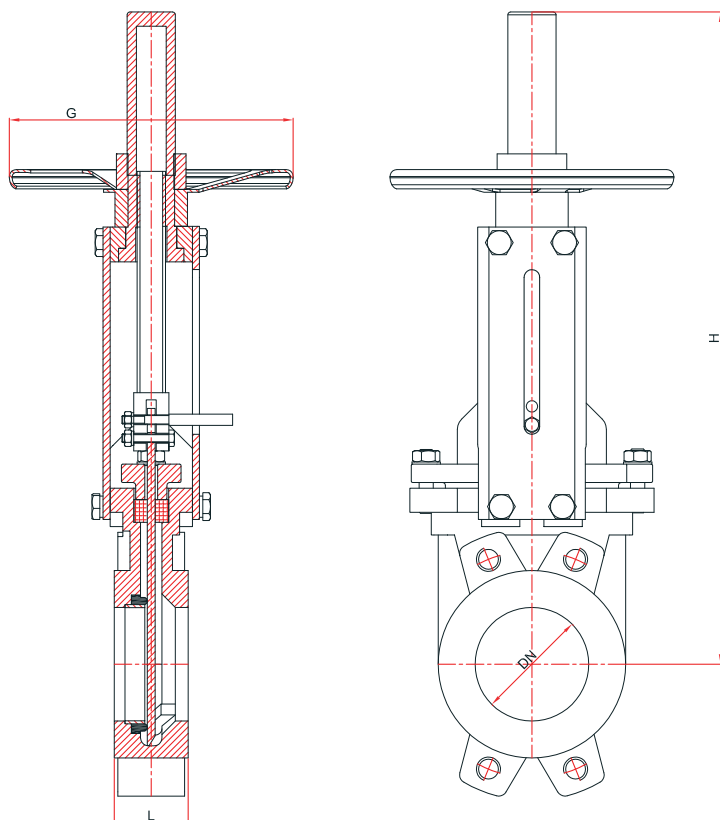
APPLICATIONS

Slurry Fluids, Waste Water, Hot Water, Cold Water, Fluids without acidity or alkalinity properties

TEMPERATURE

+130 °C

TECHNICAL DRAWING



MATERIAL SELECTION

BODY	EN-GJS-400 DUCTILE IRON (GGG40) EN-GJS-500 DUCTILE IRON (GGG50)
KNIFE GATE	1.4301 - AISI 304 STAINLESS STEEL 1.4401 - AISI 316 STAINLESS STEEL
STEM	1.4021 - AISI 420 STAINLESS STEEL
SEALING	EPDM
COATING	INDUSTRIAL EPOXY ELECTROSTATIC POWDER EPOXY

DN	PN10					PN16				
	DIMENSION			RATINGS		DIMENSION			RATINGS	
mm	L	H	G	Tork Nm	Weight kg	L	H	G	Tork Nm	Weight kg
50	43	380	180	45	7,1	43	380	180	45	7,1
65	43	430	180	45	8,2	43	430	180	45	8,2
80	50	480	200	45	10,7	50	480	200	45	10,7
100	50	530	200	70	12,8	50	530	200	70	12,8
125	50	580	220	95	14,8	50	580	220	95	14,8
150	60	700	250	115	21,3	60	700	250	115	21,3
200	60	850	300	175	29,4	60	850	300	175	29,4
250	70	975	320	210	46,5	70	975	320	210	46,5
300	70	1180	350	210	70	70	1180	350	210	70
350	96	1315	440	290	96,5	96	1315	440	290	96,5
400	100	1500	500	350	128	100	1500	500	350	128
450	106	1650	600	450	320	106	1650	600	450	320
500	110	1900	800	700	346,5	110	1900	800	700	346,5
600	110	2300	1000	900	454	110	2300	1000	900	454

* Valves can be produced with bigger sizes when requested.