



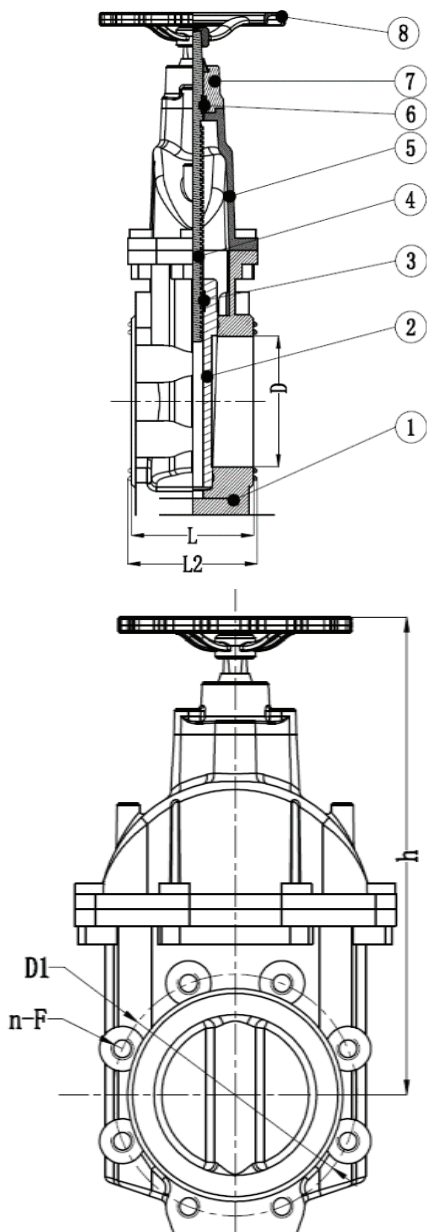
TEK Ductile Iron Knife Gate Valve





Tek Ductile Iron Knife Gate Valve

- Diameter Range : DN50-DN800
- Maximum Working Pressure : 16 Bar
- Applied Pressure : Shell Test – 24 Bar
Seat Test – 17.6 Bar
- Coating : Fusion Bonded Epoxy Paint
(Avr. 250 microns above)
- Operations method : Manual Operated
- Specification : MSS – SP – 81, Stainless Steel or Stainless Steel Lined
Bonnetless, Knife Gate Valve with Flange End. (Type 3)



DIMENSIONS

SIZE	D	D1	L	L2	n-F	h
DN50	Ø58	Ø125	134	140	4-M16↓25	315
DN65	Ø73	Ø145	134	140	4-M16↓25	340
DN80	Ø88	Ø160	134	140	8-M16↓25	370
DN100	Ø108	Ø180	134	140	8-M16↓25	385
DN125	Ø133	Ø210	154	160	8-M18↓25	435
DN150	Ø158	Ø240	148	154	8-M18↓25	470
DN200	Ø208	Ø295	154	160	12-M18↓25	545
DN250	Ø258	Ø355	164	170	12-M20↓30	630
DN300	Ø308	Ø410	164	170	12-M20↓30	730
DN350	Ø363	Ø470	260	260	16-M22↓40	885
DN400	Ø413	Ø525	280	280	16-M22↓40	965
DN450	Ø463	Ø585	280	280	20-M22↓40	1048
DN500	Ø513	Ø650	300	300	20-M22↓45	1290
DN600	Ø613	Ø770	320	320	20-M24↓45	1445
DN700	Ø713	Ø840	340	340	24-M24↓50	1760
DN800	Ø813	Ø950	350	350	24-M27↓55	1985

SPECIFICATIONS

No	Description	Material	Material Specification
1	Body	Ductile Iron	BS EN 1563 Grade 500/7
2	Resilient Wedge	Ductile Iron Fully Vulcanized with EPDM Rubber	BS 2494 Type W / MS 672: 99
3	Stem Nut	Gunmetal	BS 1400
4	Cartridge	Gunmetal	BS 1400
5	Stem	Stainless Steel	BS 970 Part 1 Grade 431/S29
6	Stem Cap	Ductile Iron	BS EN 1563 Grade 500/7
7	Bonnet Gasket	EPDM	BS 2494 Type W / MS 672: 99
8	Bonnet	Ductile Iron	BS EN 1563 Grade 500/7