



JV060023

**Cast Iron
Uni-Directional
EPDM, NBR or Metal Seat
Knife Gate Valve
PN10 Flange Wafer Type**



The JV060023 uni-directional knife gate valve has a full bore for optimal flow capacity and minimal pressure drop. Designed with a chamfered edged polished gate to effectively cut through media with suspended solids such as wastewater, sludge, biomass, pulp and powders.

As standard this valve is supplied a handwheel but can also be supplied with lever operation or with a variety of other actuator options.

Approvals, Features & Benefits

- Uni-directional
- Rising stem
- Non-rising handwheel
- Powered coated body
- Low headloss

Pressure & Temperature

Pressure range:-

DN50-200:- 10 bar

DN250-400:- 6 bar

(Metal seat: Incomplete tightness: loss factor 1%)

Temperature range:-

EPDM: -15°C to 130°C

NBR: -10°C to 90°C

METAL: -15°C to 90°C

DN	50	65	80	100	125	150
E	40	40	50	50	50	60
L2	87	87	87	87	98	98
H	289	313	335	380	415	470
H1	360	400	420	488	564	635
H2	65	70	95	108	124	135
V	200	200	200	200	250	250
Flange PCD	125	145	160	180	210	240
Flange Bolts	4 x M16	4 x M16	4 x M16	4 x M16	4 x M16	4 x M20
Weight Kg	0	11	12	13	18	22

DN	200	250	300	350	400
E	70	70	70	96	100
L2	123	123	123	198	198
H	580	670	768	900	997
H1	809	946	1118	1282	1441
H2	165	198	234	256	292
V	300	300	300	400	400
Flange PCD	295	350	400	460	515
Flange Bolts	4 x M20	8 x M20	8 x M20	10 x M20	10 x M24
Weight Kg	40	50	65	120	150

MATERIALS

Body	Cast Iron (GG40)
Gate & Spindle	Stainless Steel (ANSI 304)
Seat	EPDM, NBR or Metal
Packing	PTFE & NBR
Stem Nut	Bronze
Yoke	Steel