



JV060024

**Cast Iron
Bi-Directional
NBR Seat
Knife Gate Valve
PN10 Flange Wafer Type**



The JV060023 bi-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

- 3.1 certificate available on request
- Uni-directional
- Rising stem
- Non-rising handwheel
- Rilsan coated body
- Low headloss

Pressure & Temperature

Pressure range:-
 DN50-200:- 10 bar
 DN250:- 8 bar
 DN300:- 6 bar
 DN350-400:- 4 bar
 DN450-500:- 3 bar

Temperature range:-
 -10°C to 90°C

DN	50	65	80	100	125	150	200
E	40	40	50	50	50	65	70
H	286	316	342	382	415	458	575
H1	63	70	92	105	120	130	160
V	200	200	200	200	250	250	300
Flange PCD	125	145	160	180	210	240	295
Flange Bolts	4 x M16	4 x M16	4 x M16	4 x M16	4 x M16	4 x M20	4 x M20
Weight Kg	6.53	7.1	8.53	9.8	12.7	16.16	26.8

DN	250	300	350	400	450	500
E	70	70	96	100	106	110
H	676	776	906	1012	1098	1210
H1	198	234	256	292	308	340
V	300	300	500	500	500	500
Flange PCD	350	400	460	515	565	620
Flange Bolts	8 x M20	8 x M20	10 x M20	10 x M24	14 x M24	14 x M24
Weight Kg	43.5	57.5	108	132	170	210

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