

JV101010
Ductile Iron
Viton Lined
Butterfly Valve
Lugged & Tapped Type
PN16



Economical general purpose valve with a Viton liner, offering a long life with low maintenance. Self-lubricating bearings ensures perfect guiding and turning of the shaft without seizure or premature wear.

The butterfly valve offers quick opening and closing with full flow in either direction and leak tight shut off.

Flange gaskets not needed since the lining that extends onto the faces acts as a gasket.

Approvals, Features & Benefits

- Lightweight construction
- Bubble-tight sealing
- Epoxy coated body
- ISO 5211 top for direct mount actuation
- Lever operated as standard (25-300mm)
- Gearbox operated (350-600mm)

Pressure & Temperature

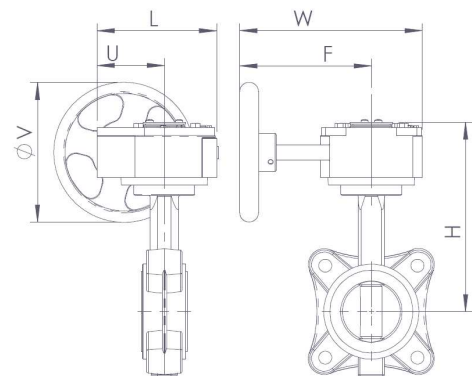
Pressure range:-
25-400mm: 16 Bar
450-600mm: 10 Bar

Temperature range*:-
-20°C to 140°C

See pressure / temperature chart below

DN	40	50	65	80	100	125	150	200	250	300
A	33	42	46	46	52	56	56	60	68	78
B	21	21	21	21	21	27	27	27	27	27
C	116	126	136	150	170	180	200	230	266	292
E	63	62	69	90	106	119	131	166	202	235
PCD	110	125	145	160	180	210	240	295	355	410
Bolts	4 x M16	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16	8 x M20	12 x M20	12 x M24	12 x M24
ISO 5221	F05	F05	F05	F05	F05	F07	F07	F10	F12	F12
Shaft Square	9	9	9	11	11	14	14	17	27	27
Torque (Nm)*	11.5	16.25	26.25	35	55	85	123.75	202.5	321.25	458.75
Weight Kg	2.3	3.2	4.1	5.4	6.7	9.6	10.8	21.1	32.7	50.5

DN	350	400	450	500	600
A	78	102	114	127	154
B	45	51.2	51.2	64.2	70.2
C	368	400	422	480	562
E	267	309	340	362	452
L	205	278	278	277	323
U	124	118	118	107	131
H	448	497	519	607	693
W	245	291	291	379	428
F	260	167	137	207	256
V	300	380	380	285	385
PCD	470	525	585	650	770
Bolts	16 x M24	16 x M24	20 x M24	20 x M24	20 x M27
ISO 5221	F12	F14	F14	F14	F16
Shaft Ø	31.6	33.15	38	41.15	50.65
Torque (Nm)*	928.75	1543.75	1928.75	2640	4418.75
Weight Kg	79.3	122.6	154.8	228.3	308.6



MATERIALS	
Body	Ductile Iron (Epoxy Coated)
Disc	Stainless Steel (CF8M)
Liner	Viton
Shaft	Stainless Steel (AISI 420)

* Torque calculated at 16 Bar wet duty, pressure includes 25% safety, add 25% for dry duty.

