



JV100006
Aluminium Bronze
NBR Lined
Butterfly Valve
Multi-Flange Wafer Type
PN10/16, ANSI150



This butterfly valve has an aluminium bronze body and disc with a NBR liner making it an effective solution for marine applications.

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

- DNV-GL & BV type approval
- Suitable for marine applications
- ISO 5211 for direct mount actuation
- Lever operated as standard (50-200mm)
- Gearbox operated as standard (250-300mm)
- Lugged & larger sizes available on request

Pressure & Temperature

Pressure range:-
PN16

Temperature range:-
-25°C to 100°C

DN	50	65	80	100	125	150	200	250	300
A	43	46	46	52	56	56	60	68	78
C	81	98	110	128	140	155	190	220	247
D	138	144	158	173	186	202	240	270	300
E	220	220	220	220	275	275	340	-	-
F	67	67	67	67	67	67	76	-	-
ISO 5211	F07	F07	F07	F07	F07	F07	F10	F10	F10
Torque (Nm)*	18.75	22.5	50	60	87.5	112.5	262.5	400	487.5
Weight Kg	4	4.7	5	7	8.2	10.1	15	25	35

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

KV Rates	10° Opening	20° Opening	30° Opening	40° Opening	50° Opening	60° Opening	70° Opening	80° Opening	90° Opening
DN50	-	0.9	6.1	15	29	53	92	115	116
DN65	-	2.5	11	27	51	90	161	240	257
DN80	-	5.2	21	49	91	156	283	457	508
DN100	-	9.5	39	88	159	269	487	815	925
DN125	-	15	69	148	262	434	768	1303	1492
DN150	-	23	112	228	394	641	1097	1861	2168
DN200	-	110	211	405	679	1085	1788	3043	3838
DN250	21	156	310	591	988	1591	2715	4768	5010
DN300	49	280	381	742	1252	2059	3744	6831	9233

MATERIALS

Body	Aluminium Bronze
Disc	Aluminium Bronze
Liner	NBR
Shaft	Stainless Steel (430)
Bush	Bronze