

Electric Butterfly Valves

PN16/235PSI/Class125

220V/380V · Multi-stage Alloy Steel Reduction Gears and Worm
Over-torque Protection · Moisture-proof Heating Resistor
Epoxy Resin Coating · 90° Rotation · IP67 Protection
Double Flange Type,
Flange Dimension EN1092-2, ANSI B16.1 Class 125

Sealing Performance	
EPDM	-20°C- 120°C
NBR	-10°C- 80°C
VITON	-20°C- 150°C

Hydraulic Pressure Test	
Body	2.4Mpa/24Bar
Seat	1.76Mpa/17.6Bar

Materials List

No	Part	Specification	BS EN	ASTM
1	Body	Ductile Iron	BSEN 1563	A536 65-45-12
2	Bottom Stem	Stainless Steel	BSEN 10088-1	A582 420
3	O-Ring	NBR	NBR	NBR
4	Seat	EPDM NBR VITON	EPDM NBR VITON	EPDM NBR VITON
5	Disc	Ductile Iron Stainless Steel Aluminum Bronze	BSEN 1563 BS970 304S15 1400AB2	A536 65-45-12 CF8 B148 Ay 954
6	Upper Stem	Stainless Steel	BSEN 10088-1	A582 420
7	Bushing	Composite Material	PTFE&Bronze	PTFE&Bronze
8	Screw	Steel	BSEN 10087	A307
9	Electric Actuators	Other		

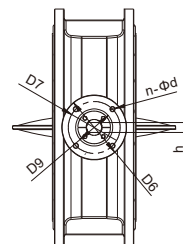
* Figure number - ET for ON/OFF control, - RM for regulating control.
Please specify when ordering.

* For details concerning actuator dimensions and models, please refer to Pages 52-53.

Dimensions-Weights

mm	50	65	80	100	125	150	200	250	300
In	2	2½	3	4	5	6	8	10	12
A	78	90	99	120	134	142	178	203	240
B	120	137	145	160	175	189	220	250	290
C	108	112	114	127	140	140	152	165	178
E	115	115	115	115	120	120	142	142	142
H	23.9	39.5	60.3	87.3	106.5	142.3	193.2	242.2	290.2
D4	89	106	120	144	170	197	252	305	350
PCD	125	145	160	180	210	240	295	355	410
N-d1	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28
h	9	9	9	11	14	14	17	22	24
D6	90	90	90	90	90	90	125	125	125
D7	70	70	70	70	70	70	102	102	102
D9	55	55	55	55	55	55	70	70	70
n-Φd	4-10	4-10	4-10	4-10	4-10	4-10	4-12	4-12	4-12
ISO5211	F07	F07	F07	F07	F07	F07	F10	F10	F10
Weight	Lbs	14.1	17.2	20.3	26.5	32.6	65.7	78.3	110.9
	Kg	6.4	7.8	9.2	12	14.8	29.8	35.5	50.3

Note: Steam services are not recommended.



HB970/S-ET/ RM

2" - 12"

