

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
Threaded Hole Lug Style,
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	Disc	Ductile Iron	BSEN 1563	A536 65-45-12
		Stainless Steel	BS970 304S15	CF8
		Aluminum Bronze	1400AB2	B148 Ay 954
4	Upper Stem	Stainless Steel	BSEN 10088-1	A582 420
5	Seat	EPDM	EPDM	EPDM
		NBR	NBR	NBR
		VITON	VITON	VITON
6	Bushing	Composite Material	PTFE&Bronze	PTFE&Bronze
7	Retaining Cap	Steel	BSEN 10087	A307
8	Electric Actuators	Other		

* Figure number - ET for ON/OFF control, - RM for regulating control.

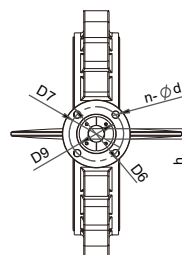
Please specify when ordering.

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

Dimensions-Weights

mm	350	400	450	500	600	700	800
In	14	16	18	20	24	28	32
A	272	296	330	360	447	517	567
B	320	340	375	430	564	616	666
C	78	102	114	127	154	165	190
E	353	353	475	475	390	500	545
φD	520	580	640	715	840	910	1025
h	24	27	27	32	36	key18*2	key18*2
PCD	470	525	585	650	770	840	950
N-M	16-M24	16-M27	20-M27	20-M30	20-M33	24-M33	24-M36
D6	125	175	175	175	210	300	300
D7	102	140	140	140	165	254	254
D9	70	100	100	100	130	130	130
n-φd	4-12	4-18	4-18	4-18	4-22	4-18	8-18
ISO5211	F10	F14	F14	F14	F16	F25	F25
Weight	Lbs	137	216	262	393	628	834
	Kg	62	98	119	178	285	378

Note: Steam services are not recommended.



HB960/S-ET/ RM

14" - 32"

