

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

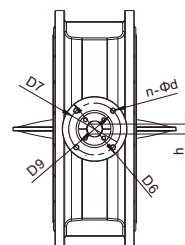
Materials List

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	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		

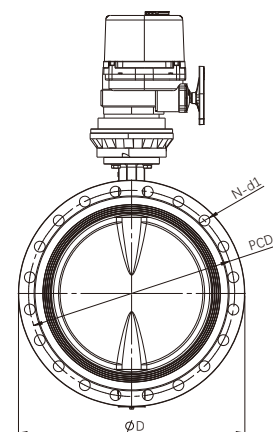
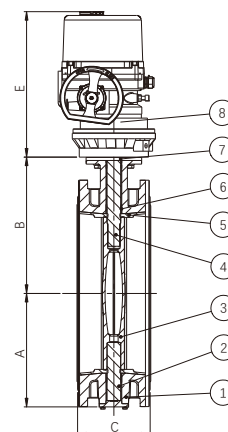
* Figure number - ET for ON/OFF control, - RM for regulating control.

Please specify when ordering.

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



HB970/S-ET/ RM
14" - 32"



Dimensions-Weights

mm	350	400	450	500	600	700	800
In	14	16	18	20	24	28	32
A	270	305	330	350	420	517	567
B	330	365	400	445	505	616	666
C	190	216	222	229	267	292	318
E	353	353	475	475	390	475	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-d1	16-28	16-31	20-31	20-34	20-37	24-37	24-40
D6	125	175	175	175	210	300	360
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	8-18	8-18
ISO5211	F10	F14	F14	F14	F16	F25	F25
Weight	Lbs	208.6	265.9	359	450.9	754.1	848.9
	Kg	94.6	120.6	162.8	204.5	342	385

Note: Steam services are not recommended.