

Electronic Butterfly Valve

Fig. 3240*EQD

Specification

Design in accordance with GB/T 12238,EN593,ISO 5752, BS 5155

Flanges comply with EN1092-2,ISO 7005,GB/T 9115,AN-SI B16.5,GB/T 17241

Mounting flanges comply with ISO5211

Pressure test according to standards GB/T13927

Technical data

Working Pressure: 16bar

(For other specifications, please consult)

Dimensions: DN50~DN600

(For other specifications, please consult)

Test Pressure: Shell:24bar

Working Pressure Differential: 7bar

Working Temperature:-20°C~120°C EPDM Seat

-10°C~80°C NBR Seat

Product Features

- Valve fully sealed in Bi-directional-EN 12266 (Class A) air-tight class;
- Valve plate finishing spherical sealing surface, low torque, long service life;
- Four flange positioning holes to ensure the correct position of the valve during installation.
- Three self-lubricating bushings on the stem to prevent stem deflection;
- Low operating torque of the valve, effectively reducing the selection cost of the actuator.
- Maintenance free.

Schematic



Electrical Parameter

Applicable Voltage:AC 220V / AC 380V / AC 24V

Input Signal: Modulating Type /3P floating control /
On/Off Type

Modulating Signal: 0(2)~10V / 4~20mA

Torque Range: 35 N•m ~ 8000 N•m

Protection Ingress: IP67 / IP68

Ambient Temperature: -25°C ~ 70°C

Altitude: ≤1000m.

Environmental Humidity: Relative humidity :≤90% (25 °C)

Working environment: the environment does not contain strong corrosive media, shall not be used in an explosive mixture of gases shall not be used in the environment.

Working Duty: S2-15min, no more than 600 starts per hour.

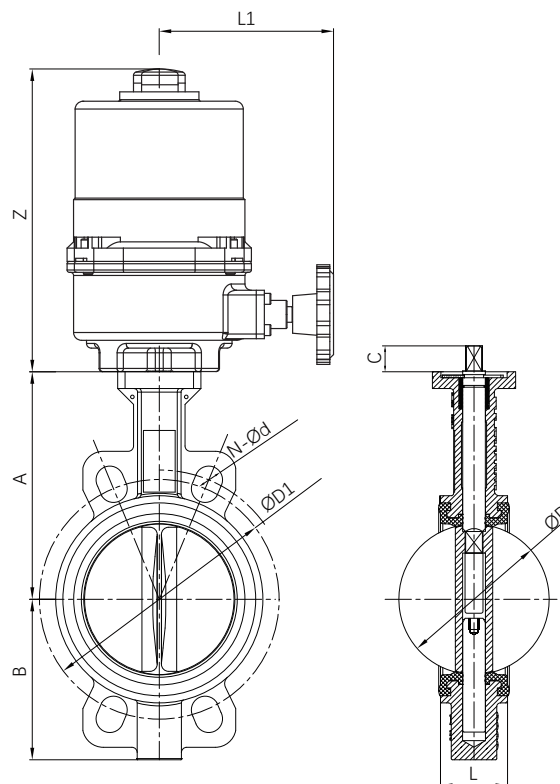
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Material Specifications

Part Name	Materials	Specification
Body	Ductile Iron	EN-JS 1050
Stem	Stainless Steel	BS970 410 S 21
	Stainless Steel	BS970 431 S 29
Seat	EPDM/NBR	
	Viton/PTFE	
Bushing	PTFE	
	Bronze	EN 1982 CC491K
O-Ring	EPDM / NBR	
Disc	Ductile Iron	EN-JS 1050
	Bronze	EN 1982 CC491K
	Stainless Steel	BS970 304 S15
	Stainless Steel	BS970 316 S16
Disc Coating	Nylon/Hala	-
Drive Unit	Quarter Turn Electric Actuator	

Schematic



Dimensions

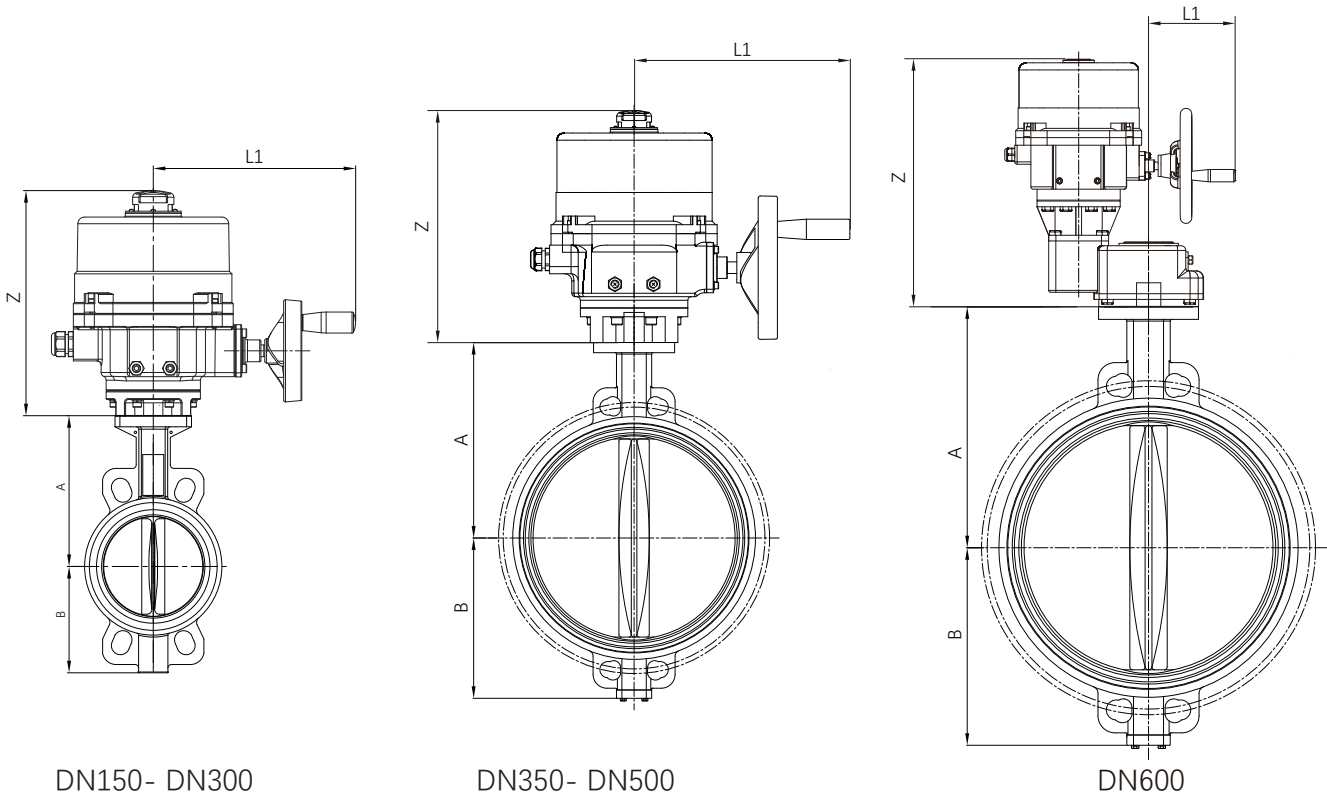
DN	mm	50	65	80	100	125	150	200
	inch	2	2-1/2	3	4	5	6	8
Adaptive Actuator (ΔP7)		EQD01	EQD01	EQD01	EQD01	EQD01	EQD02	EQD02
A		140	150	158	176	190	211	235
B		80	89	95	114	127	139	175
L		43	46	46	52	56	56	60
Z		192	192	192	192	192	268	268
L1		135	135	135	135	135	240	240
Mounting Flanges		F07/□11	F07/□11	F07/□11	F07/□11	F07/□11	F07/□14	F07/□17
Weights(Kg)		7.7	8.6	8.9	10.0	15.0	15.5	24.2

WARCO reserves the right to change dimensions without notice.

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Product Drawing



Dimensions

DN	mm	250	300	350	400	450	500	600
	inch	10	12	14	16	18	20	24
Adaptive Actuator (ΔP7)		EQD04	EQD05	EQD06	EQD07	EQD08	EQD08	EQD09
A		265	305	368	400	422	480	562
B		203	242	267	325	343	380	459
L		68	78	78	102	114	127	154
Z		327	327	327	327	380	380	380
L1		297	297	297	297	333	333	333
Mounting Flanges		F10/□19	F10/□22	F10/□22	F12/□27	F12/□27	F12/□36	F14/□36
Weights(Kg)		30	42	64	85	94	122	259

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