

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

Schematic



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~20°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.

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)

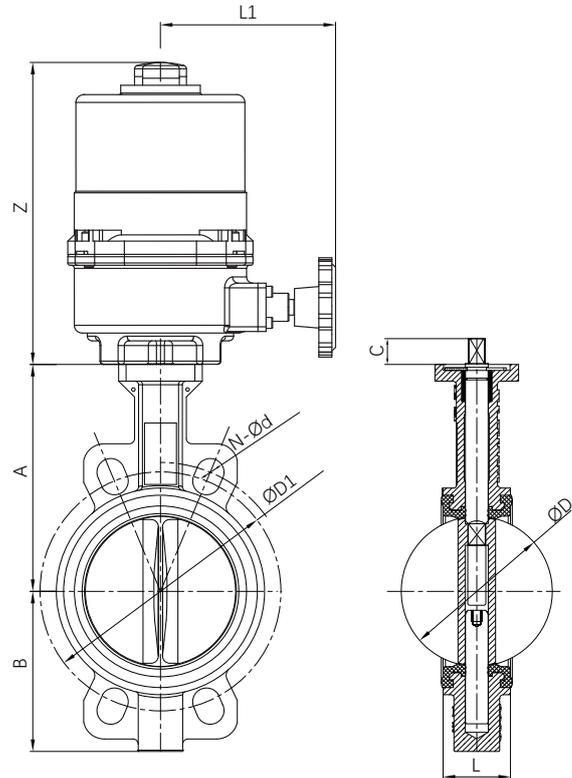
Working environment: the environment does not contain strong corrosive media, shall not be used in an explosive mixture of gases shall not be used in the environment.

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

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

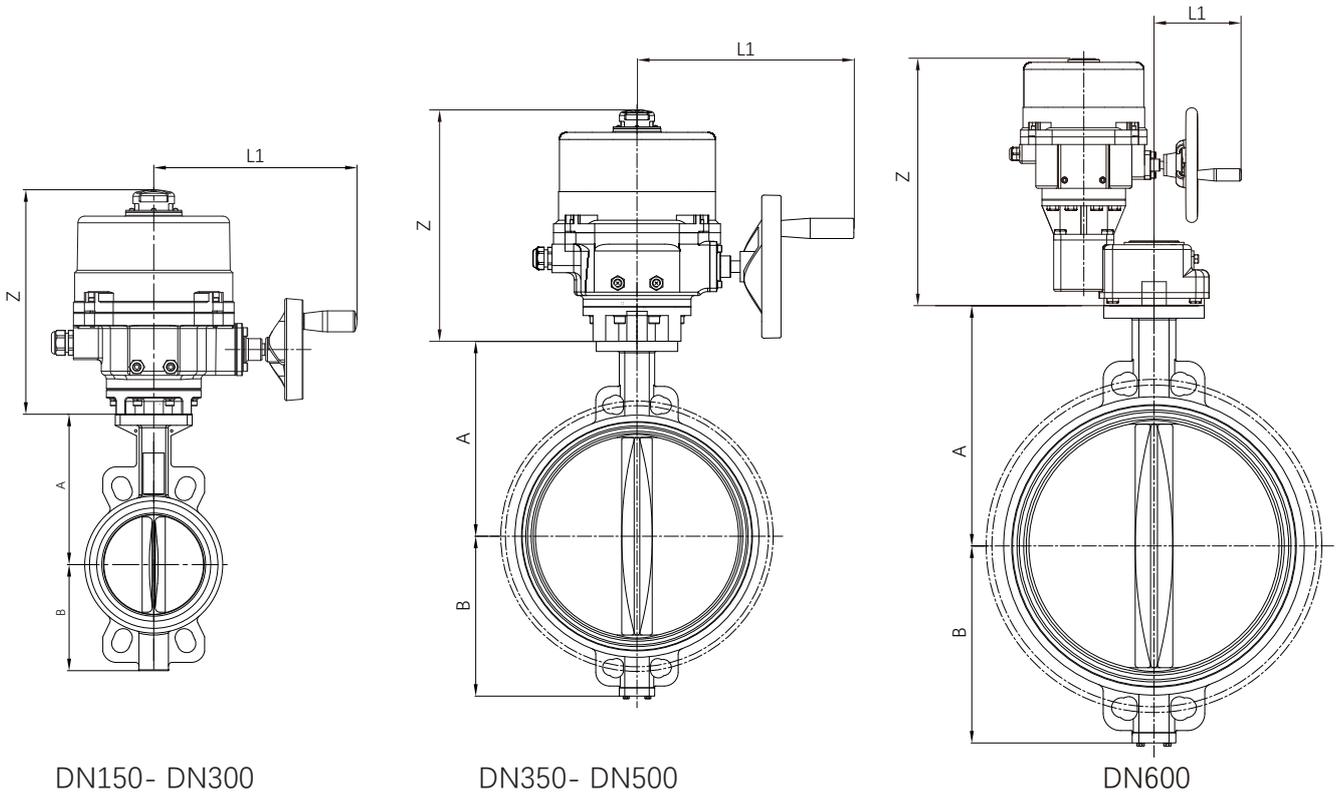


Dimensions

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.

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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