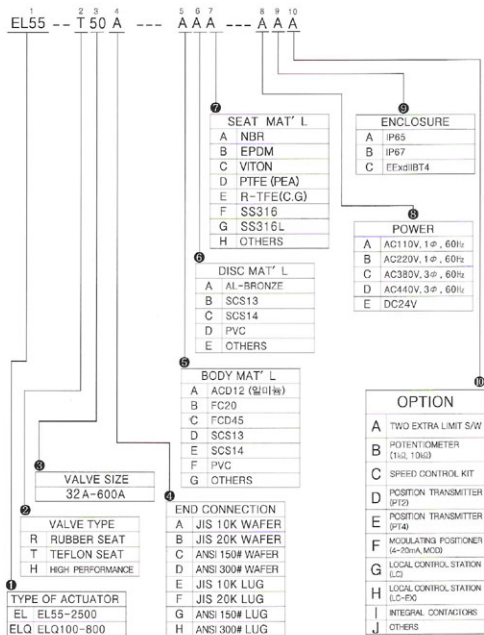


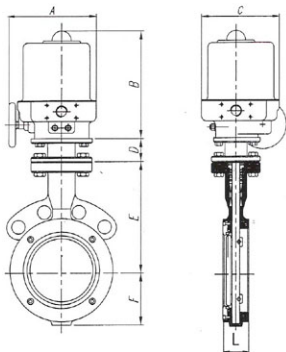
# ELECTRIC BUTTERFLY VALVE

(ORDERING INFORMATION)



# ELECTRIC ACTUATOR & VALVE

## H · P BUTTERFLY VALVE - WAFER



### SPECIFICATIONS

Outputs : 0-60 (0-17 optional) or  
 stainless steel to EXdBT4  
 Temperature : standard -20°C to +70°C  
 Connections : by 12 pins (stamped terminal strip)

Output	0-100V/100V/150V	EL-2000
Normal rotation	90°	90°
Adjustment - stop	±10° 0-110°	±10° 0-110°
Voltage	240V 100-240VAC 50/60 200-415/460VAC 20% 220-240VAC 50/60 200-415/460VAC 20%	200-415/460VAC 20%
Manual override	Handwheel (EL-1700 detachable)	Handwheel (detachable)
Visual indication	raised window (EL-1700 for window)	flat window
Indicator switches	2x1A SPDT 2x1A SPDT	2x1A SPDT 2x1A SPDT
Torque switches	2x1A SPDT	2x1A SPDT
Dry rating	30%	30%
Max. pressure	Major: 10 barg + Torque Switches	+ Torque Switches

### -Valve Material

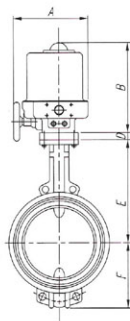
PART NAME	MATERIAL
BODY	DUCTILE IRON
DISC	SCS 13
STEM	SUS 304
SEAT	R-TFE
CONNECTION	JIS 10K WAFER
MAX. TEMP.	200°C

### \*\* DIMENSION / STANDARD MODEL

MODEL	SIZE	A	B	C	D	E	F	L	P.C.D
EL 55	50A	190	255	165	60	130	56	45	120
EL 55	65A	190	255	165	60	135	65	48	140
EL 100	80A	217	292	197	60	140	80	50	150
EL 100	100A	217	292	197	60	160	95	56	175
EL 150	125A	217	292	197	60	180	110	63	210
EL 200	150A	279	315	237	80	235	120	69	240
EL 200	200A	279	315	237	80	265	155	84	290
EL 350	250A	279	315	237	80	305	215	93	355
EL 500	300A	323	318	289	120	335	250	100	400
EL 800	350A	323	356	289	120	370	260	117	445
EL1200	400A	391	378	384	120	395	325	120	510
EL1600	450A	391	378	384	150	440	345	123	565
EL2500	500A	540	485	392	150	470	390	125	620

# ELECTRIC ACTUATOR & VALVE

## BUTTERFLY VALVE - WAFER



### SPECIFICATIONS

- Enclosure : IP-65 (IP-67 optional or explosion-proof to EExdBT4)
- Temperature : standard : 0°C to + 50°C
- Connections : by 12 point internal terminal strip

MODEL	EL 100/150/200	EL 200
Nominal size	50	50
Adjustment	0°-90°	0°-90°
switches	0°-150°	0°-150°
Voltages	24VDC 110/120VAC-50% 220/240VAC-50% 380/415/480VAC-50%	24VDC 110/120VAC-50% 220/240VAC-50%
Material options	stainless	stainless/Aluminum/Plastic
Visual indication	raised window (EL-100 for window)	flat window (for window)
Indication switches (at 110-240VAC)	2x1BA SPDT	2x1BA SPDT
Torque switches	2x1BA SPDT	2x1BA SPDT
Crk rating	50%	20%
Shell protection	Moisture Resistant + Torque Switches	+ Torque Switches

### \*\* DIMENSION / STANDARD MODEL

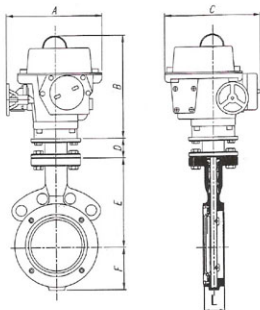
MODEL	SIZE	A	B	C	D	E	F	L	P.C.D
EL 55	50A	190	255	165	60	161	80	43	120
EL 55	65A	190	255	165	60	175	89	46	140
EL 100	80A	217	292	197	60	181	95	46	150
EL 100	100A	217	292	197	60	200	114	52	175
EL 150	125A	217	292	197	60	213	127	56	210
EL 200	150A	279	315	237	80	226	139	56	240
EL 200	200A	279	315	237	80	260	175	60	290
EL 350	250A	279	315	237	80	292	203	68	355
EL 500	300A	323	318	289	120	337	242	78	400
EL 800	350A	323	356	289	120	368	287	78	445
EL1200	400A	391	378	384	120	400	309	102	510
EL1600	450A	391	378	384	150	422	328	114	585
EL2500	500A	540	485	640	150	480	361	127	620

### - Valve Material

PART NAME	MATERIAL
BODY	CAST IRON
DISC	SCS 13
STEM	SUS 304
SEAT	EPDM
CONNECTION	JIS 10K WAFER
MAX. TEMP.	120°C

# ELECTRIC ACTUATOR & VALVE

## H · P BUTTERFLY VALVE - WAFER



### Specifications

Supply voltage	AC: 115 VAC (+10% / -6%) 50/60 Hz 230 VAC (+10% / -6%) 50/60 Hz 400 VAC (+10% / -6%) 50/60 Hz
Temperature	DC: 24V (±10%) -20°C to 70°C
Nominal rotation	90°, ±10° at each end
Enclosure	IP67; IP68 optional
External steel parts	Stainless steel
Finish	Polyurethane paint
Heater	Standard 10 W/cm
Torque control	Electronic, manual adjustable
Duty cycle	100%

### -Valve Material

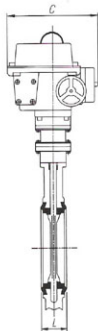
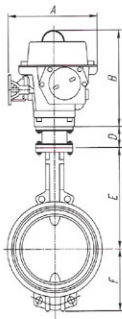
PART NAME	MATERIAL
BODY	DUCTILE IRON
DISC	SCS 13
STEM	SUS 304
SEAT	R-TFE
CONNECTION	JIS 10K WAFER
MAX. TEMP.	200°C

### \*\* DIMENSION / STANDARD MODEL

MODEL	SIZE	A	B	C	D	E	F	L	P.C.D
ELQ 100	50A	221	287	295	60	130	56	45	120
ELQ 100	65A	221	287	295	60	135	65	48	140
ELQ 100	80A	221	287	295	60	140	80	50	150
ELQ 100	100A	221	287	295	60	160	95	56	175
ELQ 200	125A	259	287	295	60	180	110	63	210
ELQ 200	150A	259	287	295	80	235	120	69	240
ELQ 200	200A	259	287	295	80	265	155	84	290
ELQ 500	250A	351	335	369	80	305	215	93	355
ELQ 500	300A	351	335	369	120	335	250	100	400
ELQ 800	350A	385	335	369	120	370	260	117	445

# ELECTRIC ACTUATOR & VALVE

## BUTTERFLY VALVE - WAFER



### Specifications

Supply voltages	AC: 115VAC (+10% / -6%) 50/60 Hz 230VAC (+10% / -6%) 50/60 Hz 480VAC (+10% / -6%) 50/60 Hz
	DC: 24V (±10%)
Temperature	-20°C to 70°C
Nominal rotation	90°, ±10° at each end
Enclosure	IP67; IP68 optional
External steel parts	Stainless steel
Finish	Polyurethane paint
Heater	Standard 10 Watt
Torque control	Electronic, manual adjustable
Duty cycle	100%

### \*\* DIMENSION / STANDARD MODEL

MÓDEL	SIZE	A	B	C	D	E	F	L	P.C.D
ELQ 100	50A	221	287	295	60	161	80	43	120
ELQ 100	65A	221	287	295	60	175	89	46	140
ELQ 100	80A	221	287	295	60	181	95	46	150
ELQ 100	100A	221	287	295	60	200	114	52	175
ELQ 200	125A	259	287	295	60	213	127	56	210
ELQ 200	150A	259	287	295	80	226	139	56	240
ELQ 200	200A	259	287	295	80	260	175	60	290
ELQ 500	250A	351	335	369	80	292	203	68	355
ELQ 500	300A	351	335	369	120	337	242	78	400
ELQ 800	350A	388	335	369	120	368	267	78	445

### -Valve Material

PART NAME	MATERIAL
BODY	CAST IRON
DISC	SCS 13
STEM	SUS 304
SEAT	EPDM
CONNECTION	JIS 10K WAFER
MAX. TEMP.	120°C