

Actuator Selection Chart

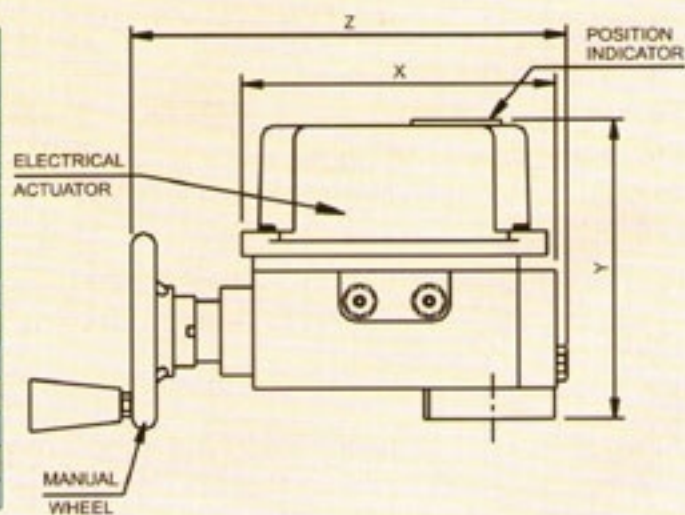
MODEL	POWER (WATT)	TORQUE (NM)	SPEED (Sec / 90°)	Weight Approx (kg)
MOD-S	3~4	15	23	1
MOD-1	10	36	10	1.5
MOD-2	10	49	20	5
MOD-2-1	10	49	20	2.3
MOD-3	25	153	8	6
MOD-3-1	25	153	8	7.5
MOD-4	25	325	30	8.3
MOD-5	40	478	30	10.8
MOD-6	60	596	30	11
MOD-8	100	911	37	32
MOD-10	100	1323	52	34
MOD-11	100	1421	65	34
MOD-12	100	3430	143	60



Dimensions:

(All dimensions are in mm)

MODEL NO	X	Y	Z
MOD - S	107	98	-
MOD - 1	102	113	-
MOD - 2	102	154	-
MOD - 2-1	102	185	156
MOD - 3	151	164.5	-
MOD - 3-1	173	198	272
MOD - 4	173	224	275
MOD - 5	173	250	275
MOD - 6	173	250	275
MOD - 8	255	299	395
MOD - 10	255	299	395
MOD - 11	255	299	395
MOD - 12	255	475	386



2 way Ball Valve Flanged

Electrical Actuator Operated

Size Range : 1/2" To 14" Flanged

Electrical Actuator

Technical Specifications :

Material	Aluminium Alloy / Nylon
System Design	Gear Motor
Casing Protection	IP 67
Working Temp.	Upto 60 °C

For more detail please refer to page no. : 25

Various Options

- ON / OFF Type - 220V AC
- Modulating Controller
Signal input - 4 ~ 20mA / 1 ~ 5V DC / 2 ~ 10V DC
- Potentiometer feed back
4 ~ 20mA / 0 ~ 10VDC / 24VDC SUPPLY
- Additional Limit Switches (2 Units)

Valve

Body	ASTM A216 Gr. WCB / ASTM A351 Gr. CF8 - CF8M
Ball	ASTM A351 Gr. CF8 - CF8M
Stem	Stainless Steel AISI 304 / AISI 316
Gland	Stainless Steel AISI 304 / AISI 316
Seat & Seals	PTFE (Glass Filled Teflon, Carbon Filled Teflon)
Temperature	-20 °C to 180 °C (High temp. on request)
End Connection	Screwed / Flanged / Triclover End.

Dimensions :

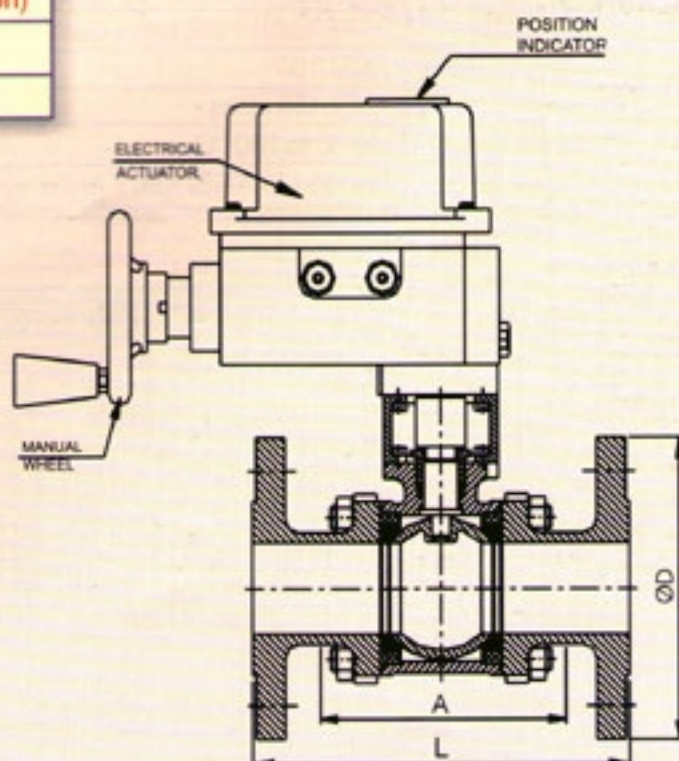
(All dimensions are in MM)

MODEL	SIZE		A	L	ØD	Weight (Approx)	
	Inch	mm				S/E	F/E
EL-A-BMW-F- 15	1/2	15	68	107.9	88.9	1,600	2,700
EL-B-BMW-F- 20	3/4	20	72	117.3	98.56	2,500	3,500
EL-B-BMW-F- 25	1	25	84	127	107.9	2,800	4,100
EL-C-BMW-F- 32	1 1/4	32	107	139.7	117.34	-	-
EL-C-BMW-F- 40	1 1/2	40	119	165.1	127	4,000	9,500
EL-C-BMW-F- 50	2	50	130	177.8	152.4	5,800	9,500
EL-D-BMW-F- 65	2 1/2	65	155	190.5	177.8	-	12,800
EL-E-BMW-F- 80	3	80	175	203.2	190.5	-	19,200
EL-F-BMW-F- 100	4	100	210	228.6	228.6	-	30,600
EL-G- BMW- F- 125	5	125	-	254	252	-	-
EL-H-BMW-F- 150	6	150	-	266.7	279.4	-	-
EL-I-BMW-F- 200	8	200	-	292.1	342.9	-	116,600
EL-J-BMW-F- 250	10	250	-	330.2	406.4	-	-
EL-K-BMW-F- 300	12	300	-	609.2	482.6	-	-
EL-L-BMW-F- 350	14	350	-	685.8	533.4	-	-

NOTE :

* FLANGE DIMENSION AS PER ASME B16.5 #150 STANDARD

* Manual operating wheel is provided at the side part in EL-E-BMW-F-80 to EL-L-BMW-F-350. During the power failure manual override can be used.



3-4 way Ball Valve Flanged Electrical Actuator Operated

Size Range : 1/2" To 4" Flanged

Electrical Actuator

Technical Specifications :

Material	Aluminium Alloy / Nylon
System Design	Gear Motor
Casing Protection	IP 67
Working Temp.	Upto 60 °C

For more detail please refer to page no. : 25

Various Options

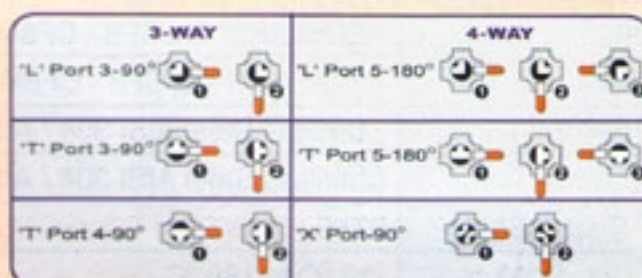
- ON / OFF Type - 220V AC
- Modulating Controller
Signal input - 4 ~ 20mA / 1 ~ 5V DC / 2 ~ 10V DC
- Potentiometer feed back
4 ~ 20mA / 0 ~ 10VDC / 24VDC SUPPLY
- Additional Limit Switches (2 Units)

Valve

Body	ASTM A216 Gr. WCB / ASTM A351 Gr. CF8-CF8M
Ball	ASTM A351 Gr. CF8-CF8M
Stem	Stainless Steel AISI 304 / AISI 316
Gland	Stainless Steel AISI 304 / AISI 316
Seat & Seals	PTFE (Glass Filled Teflon, Carbon Filled Teflon)
Working Pressure	ANSI 150
Pressure Rating	ANSI 150 class
Temp. Range	-20 °C to 180 °C
End Connection	Flanged to ANSI 150 / ANSI 300 / PN 16



FLOW PATTERNS



Dimensions :

(All dimensions are in MM)

MODEL	SIZE		ØD	L	A	Weight (Approx)	
	Inch	mm				S/E	F/E
EL-A-SUZ-403-F-15	1/2	15	88.9	151	104	2.750	4.100
EL-A-SUZ-403-F-20	3/4	20	98.55	167	112	3.850	5.500
EL-B-SUZ-403-F-25	1	25	107.9	192	128	4.850	6.900
EL-C-SUZ-403-F-32	1.1/4	32	117.34	208	140	8.500	-
EL-C-SUZ-403-F-40	1.1/2	40	127	219	163	13.950	10.00
EL-D-SUZ-403-F-50	2	50	152.4	253	190.5	19.500	25.500
EL-D-SUZ-403-F-65	2.1/2	65	177.8	302	293	-	32.500
EL-F-SUZ-403-F-80	3	80	190.5	307	318.5	-	41.750
EL-G-SUZ-403-F-100	4	100	228.6	370	367	-	68.800

NOTE :

* FLANGE DIMENSION AS PER ASME B16.5 #150 STANDARD

* Manual operating wheel is provided at the side part in EL-F-SUZ-403-F-80 to EL-G-SUZ-403-F-100. During the power failure manual override can be used.

