

POWDER COATING SPECIFICATIONS:

Coating used on all ICI actuators



	Epoxy	Hybrid	Aromatic Urethane	Aliphatic Urethane	TGIC Polyester	Polyester Wrinkle	Non-TGIC Polyester
Hardness	Green	Blue	Yellow	Yellow	Blue	Blue	Blue
Flexibility	Green	Green	Green	Green	Green	Green	Green
Overbake Stability	Orange	Blue	Orange	Green	Green	Yellow	Blue
Exterior Durability	Red	Red	Orange	Green	Green	Green	Green
Corrosion Protection	Green	Blue	Yellow	Yellow	Blue	Yellow	Yellow
Chemical Resistance	Green	Yellow	Yellow	Yellow	Blue	Yellow	Yellow
Ease of Application	Blue	Green	Green	Green	Green	Green	Green

Not Good

Fair

Good

Very Good

Best

NEMA ENCLOSURE TYPE RATINGS:

TYPE 1: General purpose intended for indoor use to prevent accidental contact with enclosed equipment.

TYPE 4: Water and dust tight intended for indoor or outdoor use to protect enclosed equipment from splashing water, seeping of, falling or hose directed water and severe external condensation.

TYPE 4X: Water and dust tight with same provisions as Type 4 enclosure but also are corrosion resistant.

TYPE 6: Water and dust tight sleet resistant intended for indoor or outdoor use where occasional submersion may be encountered with a static head of no more than 6 feet for no longer than 30 minutes.

TYPE 7: Class I, Division 1 and 2, Groups A, B, C or D intended for indoor hazardous locations. Division 1: Hazardous vapors are present. Division 2: Hazardous contained but may not be present. Groups A, B, C & D classifies different gases and vapors.

TYPE 9: Class II, Division 1 and 2, Groups E, F or G intended for indoor hazardous locations. Division 1: Air suspended dust. Division 2: Surface accumulated non-air suspended. Groups E, F & G classifies different dust types.

IP Code	Min. NEMA Rating
IP65	4, 4X
IP67	6
IP68	6P

TORQUE CONVERSION TABLE:

Nm = Ft-Lb x 1.36

In-Lb = Ft-Lb x 12

Ft-Lb	In-Lb	Nm
1	12	1.36
5	60	6.8
10	120	13.6
20	240	27.2
40	480	54.4
80	960	108.8
100	1200	136
200	2400	272
400	4800	544
600	7200	816
800	9600	1088
1000	12000	1360
1200	14400	1632
1500	18000	2040
1800	21600	2448
2000	24000	2720
2200	26400	2992
2500	30000	3400

