



REFERENCE TOOLS



POWDER COATING SPECIFICATIONS

The powder coating used on all ICI electric actuators



	Epoxy	Hybrid	Aromatic Urethane	Aliphatic Urethane	TGIC Polyester	Polyester Wrinkle	Non-TGIC Polyester
Hardness							
Flexibility							
Overbake Stability							
Exterior Durability							
Corrosion Protection							
Chemical/Solvent Resistance							
Ease of Application							

Not Good

Fair

Good

Very Good

Best

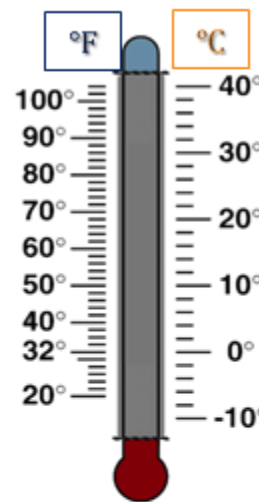


MOUNTING DIMENSIONS: ISO 5211:2001(E)

Flange Type	Female Drive	Bolt Circle
F03	9mm (.354" Sq.)	36mm (1.417" Sq.)
F04	11mm (.433" Sq.)	42mm (1.654" Sq.)
F03/F04 (Flange F03)	11mm (.433" Sq.)	36mm (1.417" Sq.)
F05	14mm (.551" Sq.)	50mm (1.969" Sq.)
F07	17mm (.669" Sq.)	70mm (2.756" Sq.)
F10	22mm (.866" Sq.)	102mm (4.016" Sq.)
F12	27mm (1.063" Sq.)	125mm (4.921" Sq.)
F14	36mm (1.417" Sq.)	140mm (5.512" Sq.)
F16	46mm (1.811" Sq.)	165mm (6.496" Sq.)
F25	55mm (2.165" Sq.)	254mm (10.000" Sq.)
F30	75mm (2.953" Sq.)	298mm (11.732" Sq.)

* The dimensions above were taken from the International Standard ISO 5211 First edition 2001-02-15 and are only a small representation of the information available in International Standard ISO 5211.

TEMPERATURE CONVERSION



$$^{\circ}\text{C} = \frac{5 \cdot (^{\circ}\text{F} - 32)}{9}$$

$$^{\circ}\text{F} = ^{\circ}\text{C} \cdot \frac{9}{5} + 32$$

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

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, they are sleet proof.
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.