

DYNATORQUE

VALVE ACTUATORS AND ACCESSORIES

ISO 5211 Manual Overrides: Double Acting & Spring Return

Manufacturers Cross Reference

ISO 5211 General Specification

Materials of Construction:

Overrides-Housing and covers are cast iron, worms are heat-treated carbon steel, worm wheels are cast ductile iron with the exception of the DT3 and DT7 frame sizes which are powdered metal, input shafts are yellow zinc plated carbon steel, declutch handles (SD models only) are stainless steel, input and output seals are Buna-N rubber, housing to cover seal is Styrene Butadiene, bushings are oil impregnated copper nickle steel alloy.

Drivers- Drivers are 1018 carbon steel with 1018 carbon stel external keys.

Handwheels- 6, 8, 10 inch diameter handwheels are cast ductile iron. All handwheels 12” and above are carbon steel tubing of welded construction. See DynaTorque handwheel brochure. Override frame sizes DT3 and DT7 are not suitable for use with chainwheels, please consult factory for options.

Dimensions:

Bolting Patterns- Top flanges are per ISO 5211:2001(E) section 5 with through clearance holes for Unified Standard thread forms. Bottom surface bolt patterns are per ISO 5211:2001(E) section 5 with tapped holes to Unified Standard thread forms.

Drives- Driver top ends have male ISO 5211:2001(E) section 7.3 Figure 5 squares. Bottoms have female ISO 5211:2001(E) section 7.3 Figure 5 squares.

Ratings:

Torque Ratings- All unit ratings exceed those specified in ISO 5211:2001(E) section 4 table 1.