

ELECTRICAL CONTINUITY ANGLE: INDEPENDENT LINEARITY: ±0.5%

END VOLTAGE: VOLTAGE RESOLUTION: OUTPUT SMOOTHNESS: RESISTANCE TEMP. COEFFICIENT: POWER RATING @ 70°C: WIPER CONTACT CURRENT: DIELECTRIC STRENGTH: INSULATION RESISTANCE:

344° MIN. 0.5% MAX. VIRTUALLY INFINITE 0.1% MAX. 400PPM/°C MAX. 0.75 WATT MAX. 10 MilliAmps MAX. 750 VRMS @ 60Hz 100 MegΩ MIN. @ 500VDC

STANDARD MODEL **MECHANICAL CHARACTERISTICS**

MECHANICAL ROTATION: STARTING TORQUE: RUNNING TORQUE: TOTAL WEIGHT (1-GANG): PILOT RUNOUT: SHAFT RUNOUT: SHAFT END PLAY: SHAFT RADIAL PLAY: LATERAL RUNOUT:

CONTINUOUS 0.25 Oz.-In. MAX. 0.20 Oz.-In. MAX. 0.6 Oz. MAX. 0.001 In. TIR 0.001 In. TIR 0.003 MAX. 0.001 In. TIR 0.002 In. TIR

STANDARD MATERIALS OF CONSTRUCTION

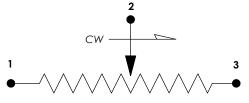
HOUSING AND COVER: SHAFT AND BALL BEARINGS: **RESISTANCE ELEMENT:** FLECTRICAL CONTACTS: SOLDER TERMINALS:

ANODIZED ALUMINUM STAINLESS STEEL CO-MOLDED CONDUCTIVE PLASTIC MULTI-FINGER PRECIOUS METAL GOLD PLATED BRASS

STANDARD ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMP. RANGE: ROTATIONAL OPERATING LIFE: -65°C To +125°C 100 x 10⁶ REVOLUTIONS MIN.

SCHEMATIC DIAGRAM

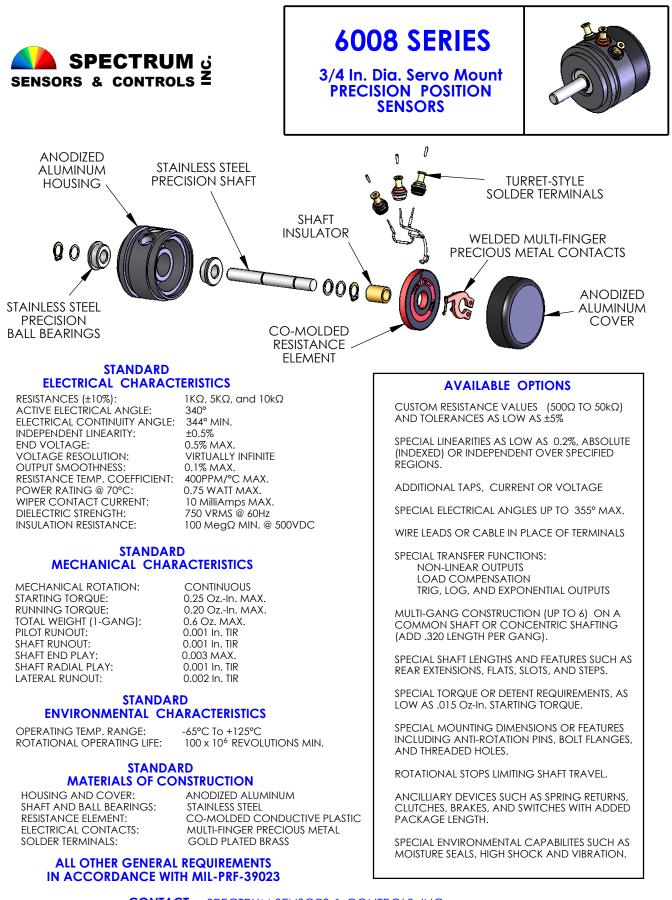


VIEWED FROM SHAFT END

ALL OTHER GENERAL REQUIREMENTS IN ACCORDANCE WITH MIL-PRF-39023

CONTACT:

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