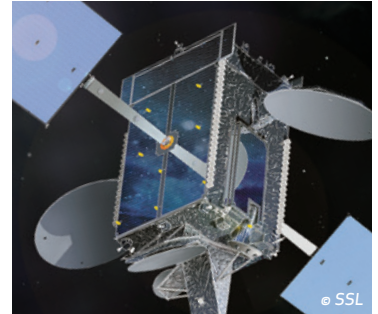


ENHANCED TYPE 5 ROTARY ACTUATOR



Moog's Next Generation Enhanced Type 5 Rotary Actuator has successfully completed qualification testing. The Enhanced Type 5 Rotary Actuator is specifically designed for applications requiring high torque, high stiffness, load carrying capability, and small increment output step size. In order to accommodate a wide variation of customer needs, Moog has successfully qualified two variations of the Enhanced Type 5 Rotary Actuator.



ENHANCED TYPE 5 ROTARY ACTUATOR

SPECIFICATIONS

Data

	3-Phase	4-Phase
Motor Step Angle (Degree)	1	1.5
Gear Transmission Ratio	500	500
Output Step Angle (Degree)	0.002	0.003
Nominal Running Torque (lb-in)	950	400
Unpowered Holding Torque (lb-in)	520	410
Nominal Torsional Stiffness (lb-in/rad)	200,000	200,000
Nominal Moment Stiffness (lb-in/rad)	1,000,000	1,000,000
Operating Temperature Range C	-45 to +95	-20 to +95
Outside Diameter (inch)	5.8	
Overall Length (inch)	5.41	
Mass (pounds)	6	
Power Consumption (watts)	>10	>14
Electrical Redundancy	Yes	Yes



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