

	Shaft Sty	yle Shaft Diameter(in.) Shaft Ler		Shaft Length	(in.)	Material		Dry Weight (lbs)	Wet Weight (lbs)	Connectors				
٨	Square	S	1/4	Α	0.50	0500	Titanium	TI	3.4	2.5	MCBH 4 P		4M	
А	Keyway	K	3/8	В	0.83	0830	316 Stainless Steel *	SS	5.0	4.1	MCBH 6 P	in Male *	6M	DRAWN GN
	Flat *	F	1/2 *	С	1.00		6061-Aluminum-Natural	ALN	2.7	1.8	MCBH 8 P	<u>in Male</u>	M	CHECKED G
					1.50 *	1500	6061-Aluminum-Black	ALK	2.7	1.8	MCBH 4 P	in Female	4 F	PROPRIETAR
							6061-Aluminum-Blue	ALB	2.7	1.8	MCBH 6 P	in Female	6F	THE INFORMATI
							6061-Aluminum-Green	ALG	2.7	1.8	MCBH 8 P	in Female	8F	DRAWING IS TH 2G ENGINEERIN
							6061-Aluminum-Red	ALR	2.7	1.8				IN PART OR AS
	* Model shown: 2000RHS-FC1500-SS-6M								All Weights	Are Approximate				2G ENGINEERIN
	8 7			6	5		1 4		3					

High Speed Model General Specifications: Absolute angle feedback and turn counting D Maximum rotational force **10 foot pounds** Maximum rotational speed 60 RPM @24 V Brushless DC motor Oil-filled - self-contained - compensated **Operating Conditions:** Voltage 12 <-> 32 Volts DC nominal Operating depth greater than 10,000 ft Operating temperature range: -20°C to 65°C Storage temperature range: -30°C to 85°C С **Onboard Motor Driver and Servo System:** Configurable current limits, power and speed RS-232 & RS-485 Interface Optional Analog, Modbus or CAN Bus Contactless non-wearing absolute position angular encoder Does not require homing 0.1 degree resolution Current Draw @24V DC: Idle current = 0.03AMotor ON braking = 0.12A Max torque @ Stall = 5A 40 RPM @ 50 inch pounds = ~1.8A **2G ENGINEERING** WWW.2G-ENG.COM TITLE: 2000 Series High Speed GMPH 10/30/2015 Rotary Actuator 10/30/2015 GMPH TARY AND CONFIDENTIAL SIZE DWG. NO. REV NATION CONTAINED IN THIS S THE SOLE PROPERTY OF B 2000RHS D RING. ANY REPRODUCTION AS A WHOLE E WRITTEN PERMISSION OF ERING IS PROHIBITED. SCALE: 1:1.5 SHEET 1 OF 1

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