

REFERENCE

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1	2	3		4	5
			SINGLE RAIL POSITIONING STAGE SPECIFICATIONS		IFICATIONS
			Motor P/N	BLDC	2-02
			Stroke	8.25 in	209.5 mm
			Encoder Resolution	1 mic	
			Bearing Type	Recircula	
		≥ 0	Moving Mass	3.5 lbs	1.6 kg
			Total Mass	18.0 lbs	8.2 kg
			Resistance @ 20C	8.1 0	nms
			Inductance @ 20C	6.0 r	nH
			Electrical Time Constant	0.7 m	isec
			Motor Constant	2.12 LBS/SQRT(Watt)	9.43 N/SQRT(Wa
			Force Constant	6.1 LBS/Amp	27.3 N/Amp
			Back EMF	0.80 V/ips	31.5 V/m/sec
			Force @ 100% Duty	20.6 lbs	91.6 N
			Power @ 100% Duty	95 w	atts
			Current @ 100% Duty	3.4 ar	nps
			Force @ 10% Duty	61.8 lbs	274.8 N
			Power @ 10% Duty	846 w	atts
			Current @ 10% Duty	10.2 a	mps
			Stage Length	18 in	457.2 mm
	0 0 0		Stage Width	5.4 in	137.2 mm
			Stage Height	2.85 in	72.4 mm
N Technologies, Inc. anta Clarita, CA 91350 USA N Technologies, Inc. These drawings and specific: the property of H2W Techno They are issued in confidence			MATERIAL	Single Rail Positic	ning Stage Model #: R
Anta Clarita, CA 91350 USA Tel: (661) 291-1620 vww.h2wtech.com H2W Technologies, I	d, or used XX ±.010 FILLETS .010 on from X ±.020 CORNERS .010		FINISH		04-020-01V [™]

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UNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows .XXX ±.005 ANGLES ±.1° .XX ±.010 FILLETS .010 .X ±.020 CORNERS .010 Remove All Burrs and Sharp Edges

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Single Rail Positioning Stage Model #: SRS-008-04-020-01V	REV	
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