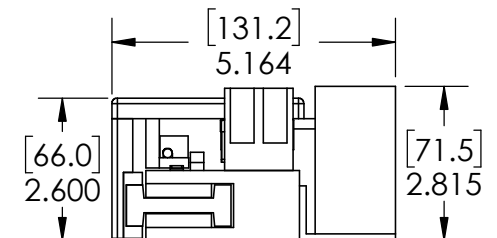
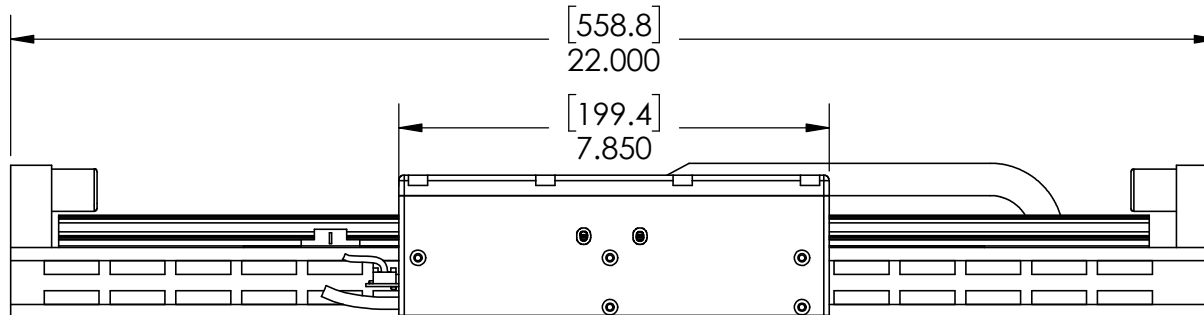
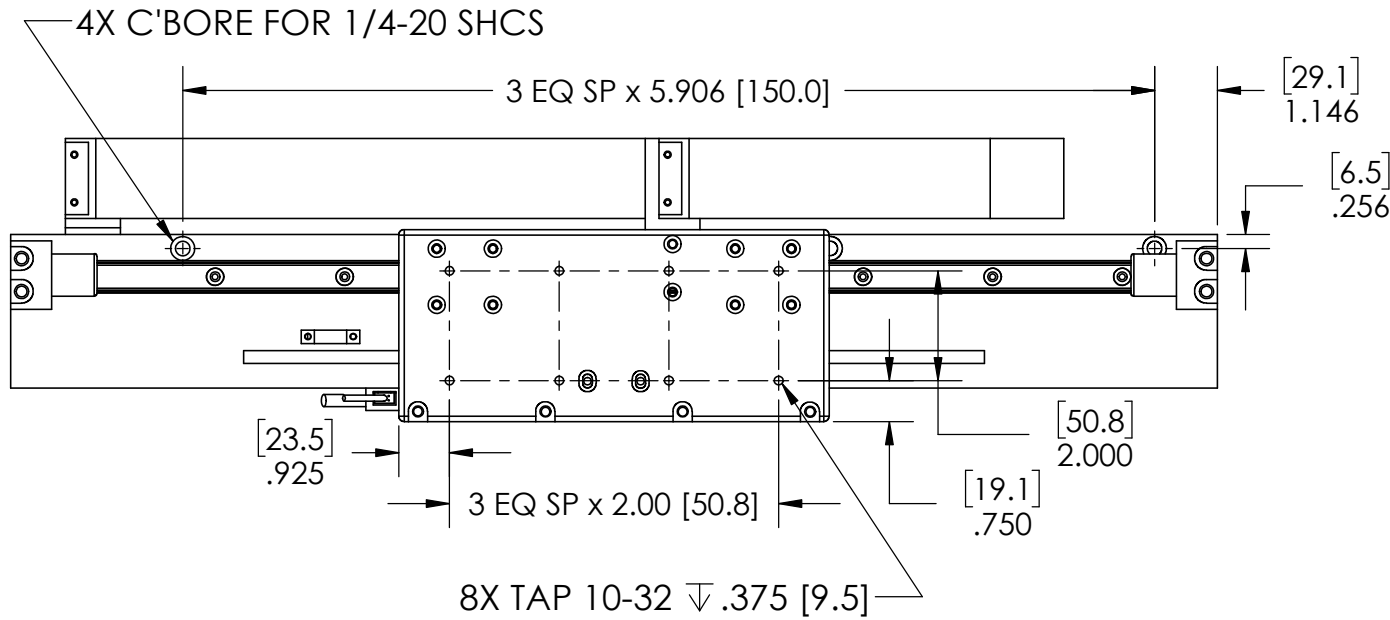


# STAGE SHOWN AT MIDSTROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	10-1-16



**H2W Technologies, Inc.**  
 Santa Clarita, CA 91350 USA  
 Tel: (661) 291-1620  
[www.h2wtech.com](http://www.h2wtech.com)

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

**FOR  
 REFERENCE  
 ONLY**

MATERIAL  
 FINISH

TITLE  
 Single Rail Positioning Stage Model #:  
**SRS-010-04-020-01**

DWG # **40-0340**  
 REV ----  
 DATE 10-1-16 SHEET 1 of 2

1

2

3

4

5

A

B

C

D

A

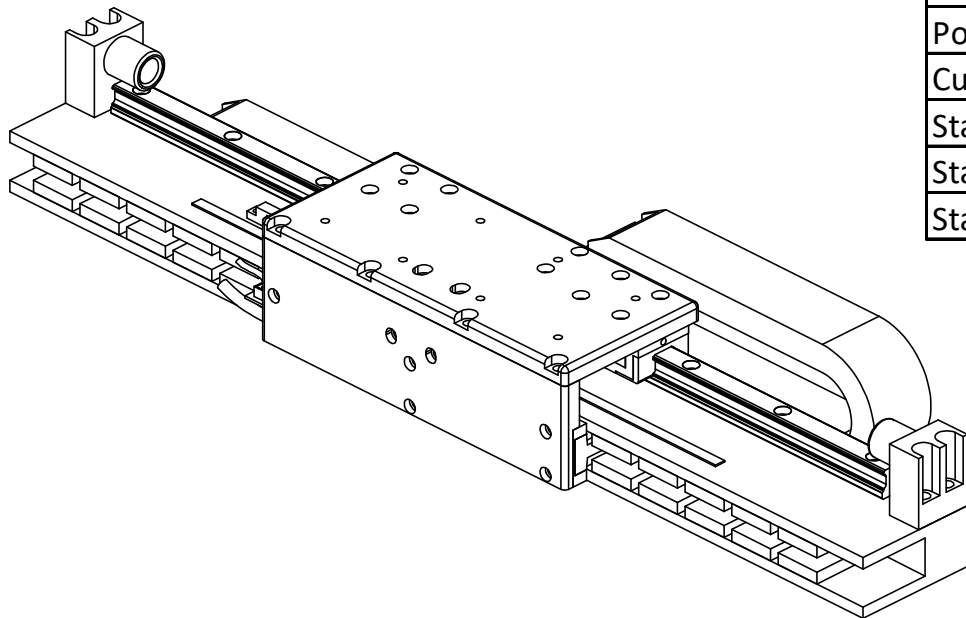
B

C

D

### SINGLE RAIL POSITIONING STAGE SPECIFICATIONS

Motor P/N	BLDM-C06	
Stroke	11 in	279.4 mm
Encoder Resolution	1 micron	
Bearing Type	Recirculating Ball	
Moving Mass	4.5 lbs	2 kg
Total Mass	22.5 lbs	10.2 kg
Resistance @ 20C	15.9 ohms	
Inductance @ 20C	15.9 mH	
Electrical Time Constant	1 msec	
Motor Constant	2.6 LBS/SQRT(Watt)	11.5 N/SQRT(Watt)
Force Constant	10.3 LBS/Amp	45.8 N/Amp
Back EMF	1.2 V/ips	45.6 V/m/sec
Force @ 100% Duty	19.5 lbs	87.0 N
Power @ 100% Duty	74.3 watts	
Current @ 100% Duty	1.9 amps	
Force @ 10% Duty	58 lbs	260 N
Power @ 10% Duty	668 watts	
Current @ 10% Duty	5.7 amps	
Stage Length	22 in	559 mm
Stage Width	5.16 in	128.5 mm
Stage Height	2.81	71.4 mm



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 .XXX ±.005 ANGLES ±.1°  
 .XX ±.010 FILLETS .010  
 .X ±.020 CORNERS .010  
 Remove All Burrs and Sharp Edges

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MATERIAL

FINISH

TITLE

Single Rail Positioning Stage Model #:  
**SRS-010-04-020-01**

DWG #

**40-0340**

REV

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DATE

10-1-16

SHEET

2 of 2