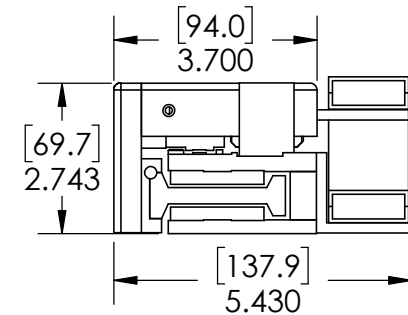
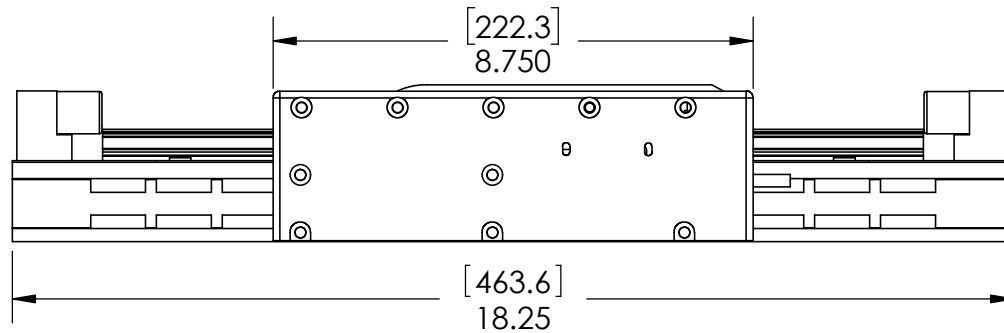
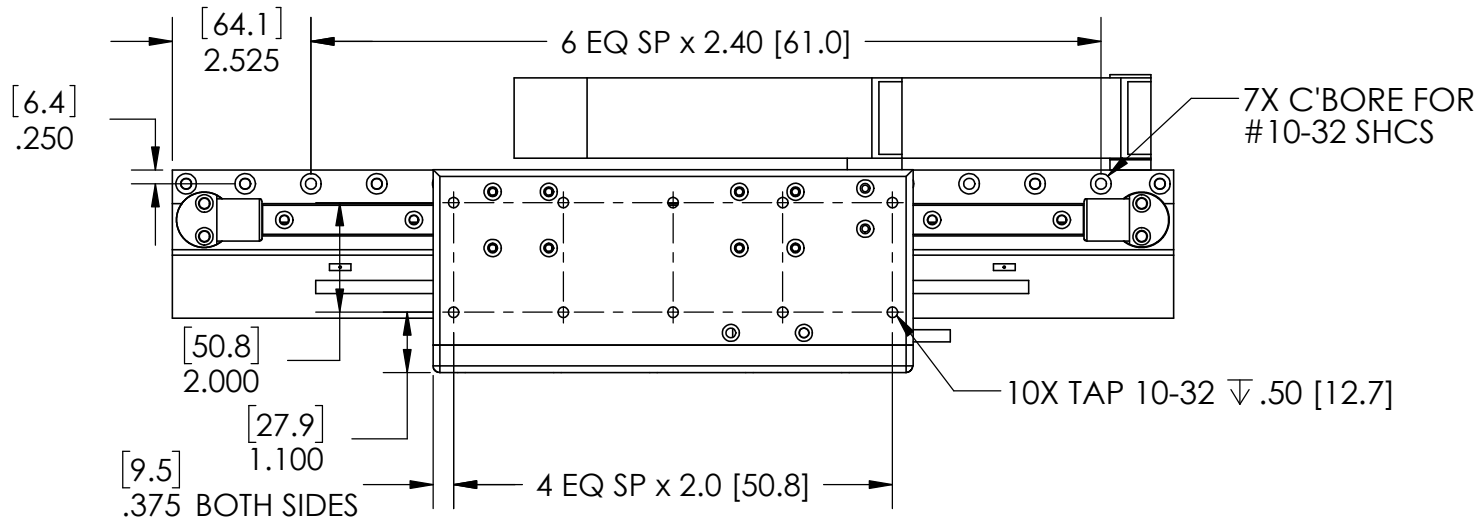


STAGE SHOWN AT MID STROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	6-10-11
A	1941	Updated sheet format	SDC	MPW	3-31-17



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

**FOR  
 REFERENCE  
 ONLY**

MATERIAL  
 FINISH

TITLE  
 Single Rail Positioning Stage Model #:  
**SRS-006-04-030-A**

DWG # **40-0218**  
 REV **A**  
 DATE 3-31-17 SHEET 1 of 2

1

2

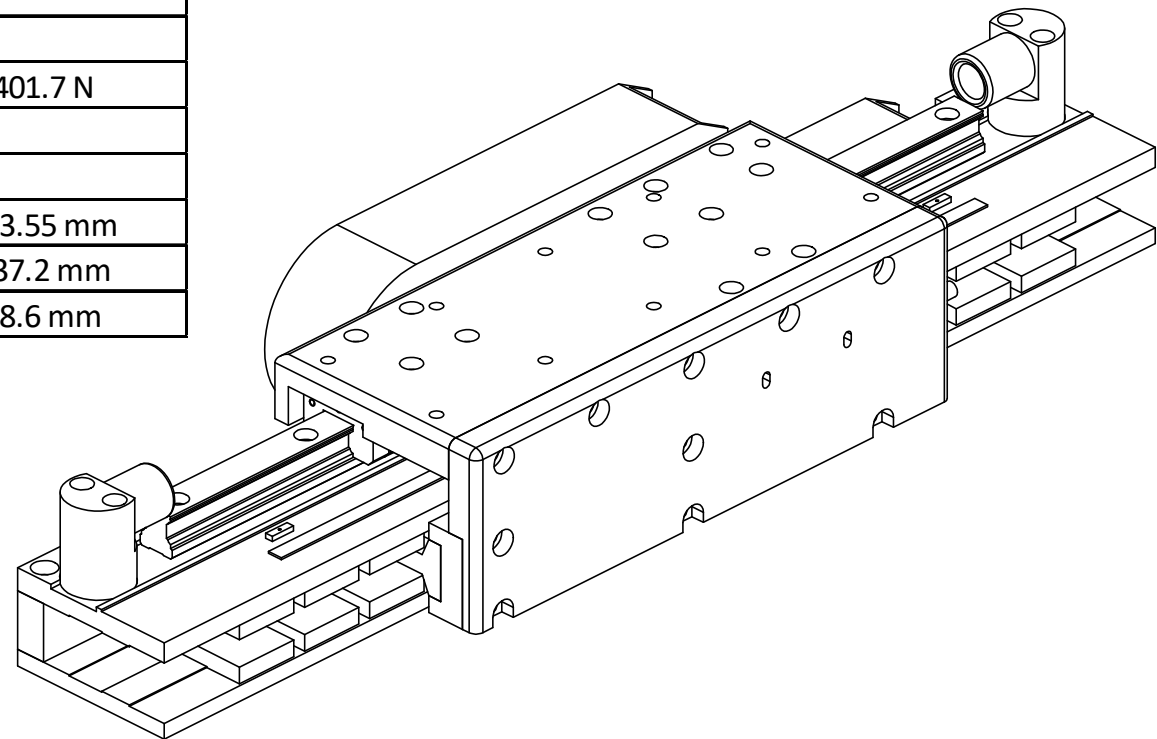
3

4

5

### Single RAIL POSITIONING STAGE SPECIFICATIONS

Motor P/N	BLDC-03	
Stroke	6 in	152.4 mm
Encoder Resolution	1 micron	
Bearing Type	Recirculating Ball	
Moving Mass	3.55 lbs	1610 g
Total Mass	15.85 lbs	7189 g
Resistance @ 20C	12.1 ohms	
Inductance @ 20C	9.0 mH	
Electrical Time Constant	0.7 msec	
Motor Constant	2.6 LBS/SQRT(Watt)	11.57 N/SQRT(Watt)
Force Constant	9.2 LBS/Amp	11.57 N/Amp
Back EMF	1.2 V/ips	40.9 V/m/sec
Force @ 100% Duty	30.1 lbs	133.9 N
Power @ 100% Duty	135 watts	
Current @ 100% Duty	3.3 amps	
Force @ 10% Duty	90.3 lbs	401.7 N
Power @ 10% Duty	1215 watts	
Current @ 10% Duty	9.9 amps	
Stage Length	18.25 in	463.55 mm
Stage Width	5.4 in	137.2 mm
Stage Height	2.7 in	68.6 mm



A

A

B

B

C

C

D

D


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Single Rail Positioning Stage Model #:

**SRS-006-04-030-A**

DWG #

**40-0218**

REV

**A**

DATE

3-31-17

SHEET

2 of 2