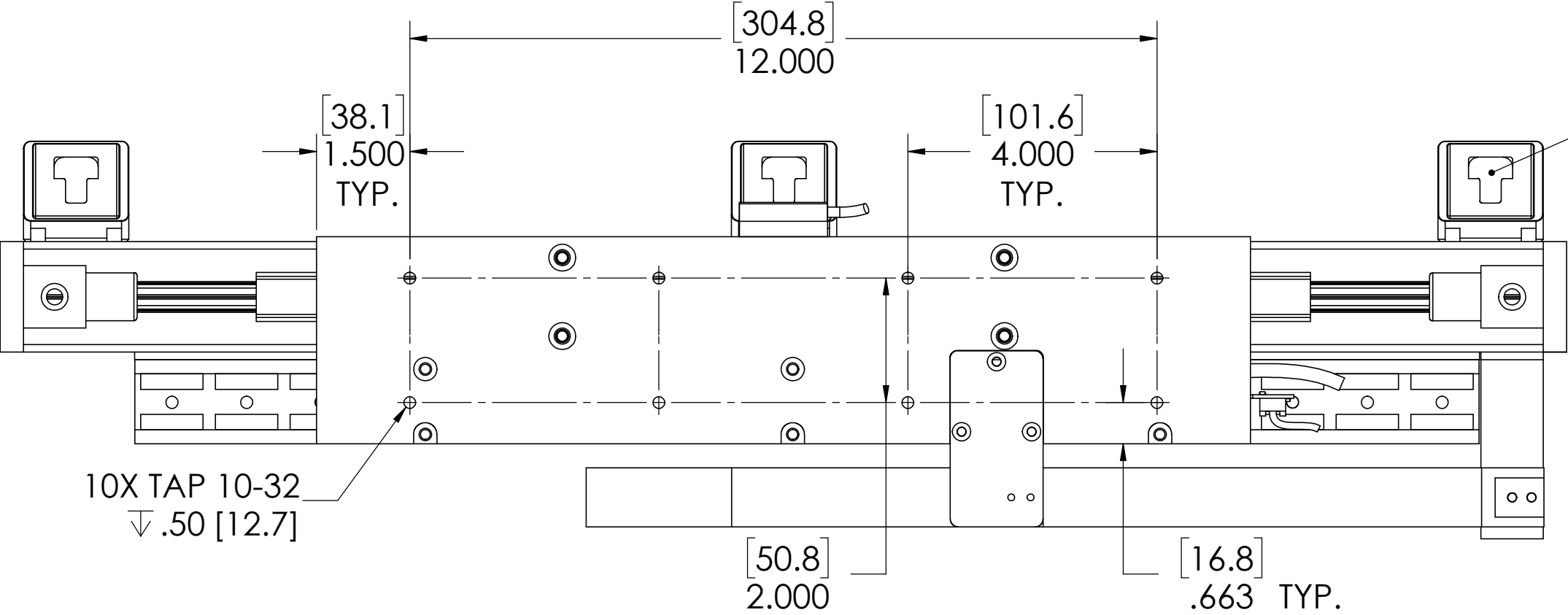
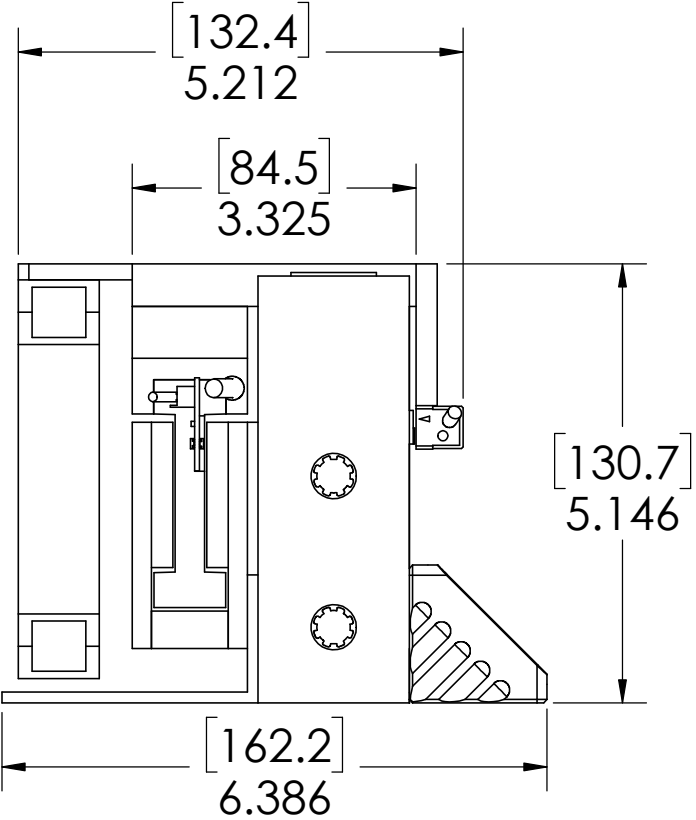
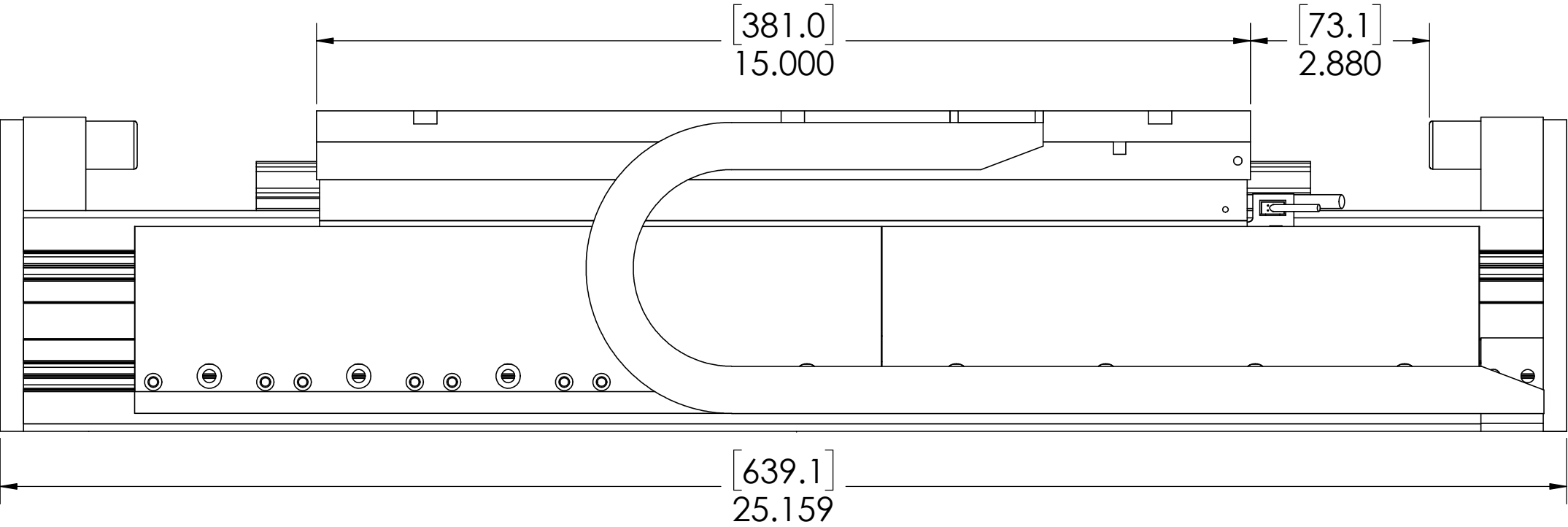


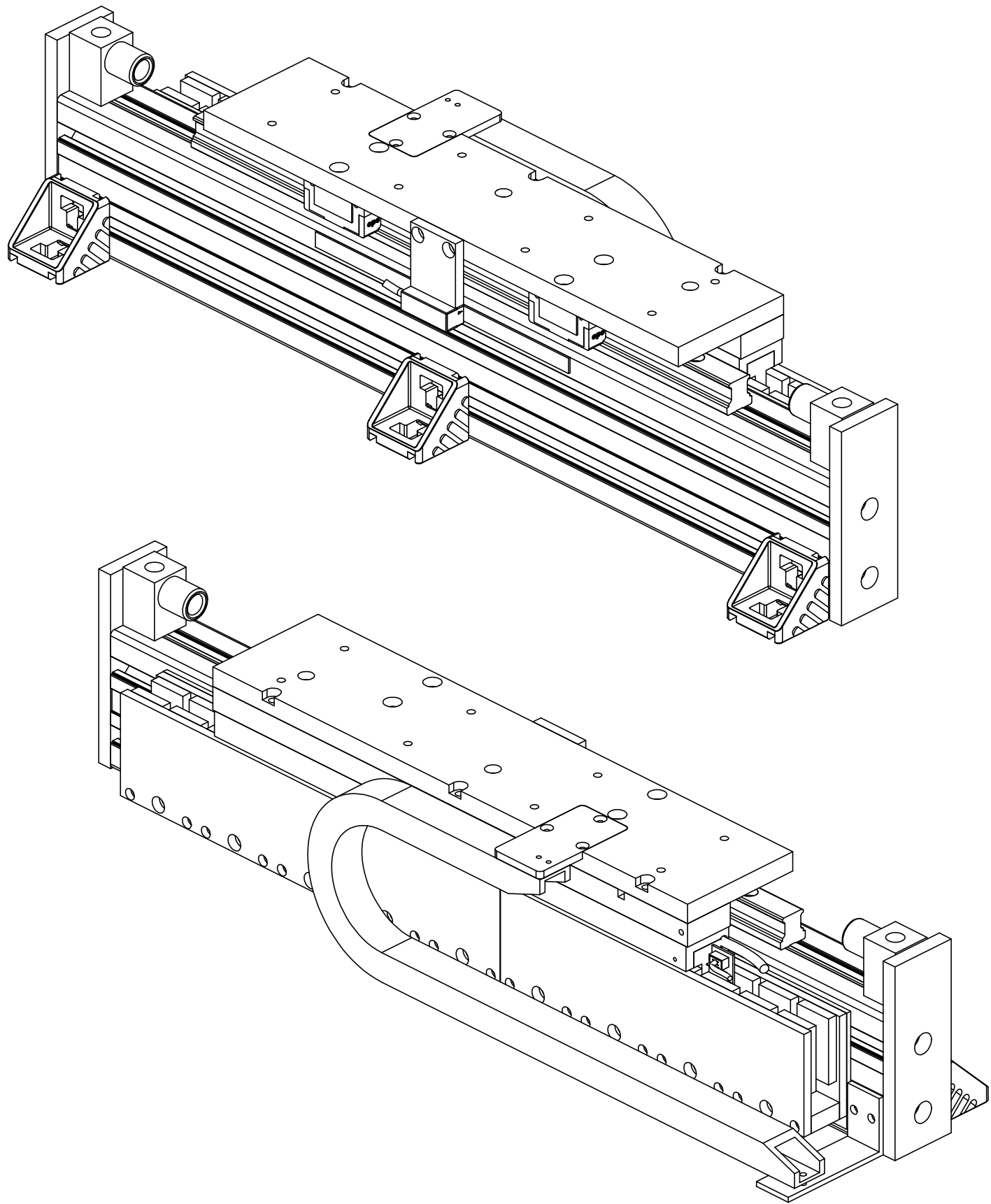
STAGE SHOWN AT MIDSTROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	9-9-2020



3X ADJUSTABLE
MOUNTING BRACKET





SINGLE RAIL POSITIONING STAGE SPECIFICATIONS		
Motor P/N	BLDM-D12	
Stroke	5.75 in	146 mm
Encoder Resolution	1 micron	
Bearing Type	Recirculating Ball	
Moving Mass	9.0 lbs	4.0 kg
Total Mass	33 lbs	15.0 kg
Resistance @ 20C	13.6 ohms	
Inductance @ 20C	18 mH	
Electrical Time Constant	1.3 msec	
Motor Constant	4.51 LBS/SQRT(Watt)	20.1 N/SQRT(Watt)
Force Constant	16.7 LBS/Amp	74.2 N/Amp
Back EMF	1.88 V/ips	74.16 V/m/sec
Force @ 100% Duty	49.6 lbs	220 N
Power @ 100% Duty	155.3 watts	
Current @ 100% Duty	3.0 amps	
Force @ 10% Duty	148 lbs	660 N
Power @ 10% Duty	1397.7 watts	
Current @ 10% Duty	8.9 amps	
Stage Length	25.16 in	369.1 mm
Stage Width	6.39	162.3 mm
Stage Height	5.15	130.7 mm