

SYM	CHANGES	DATE	BY
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### ORDERING INFORMATION



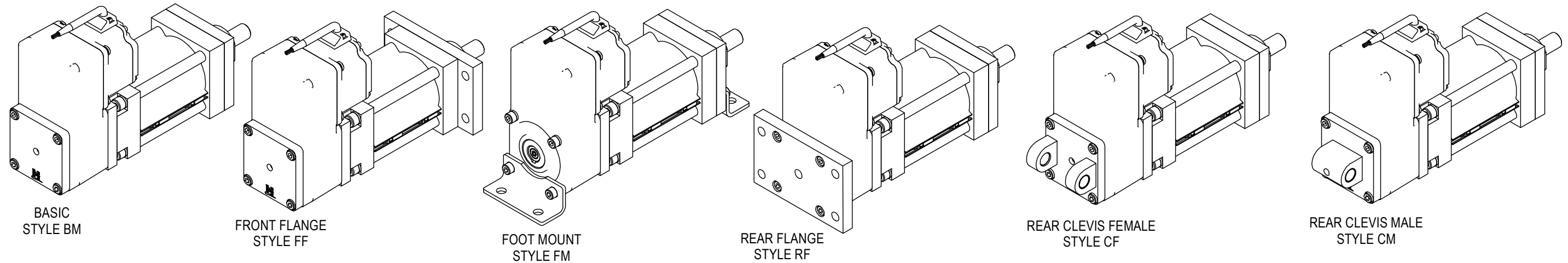
- Stroke**  
025 Thru 250mm  
(In 25mm Increments)
- Type**
- L Lead Screw (standard)
  - B Ball Screw  
(Requires brake to hold position)
- Style**
- BM Basic mount
  - FM Foot Mount
  - FF Front Flange
  - RF Rear Flange
  - CF Rear Clevis Female
  - CM Rear Clevis Male
- Switch**
- S Sick (Standard) Weld Immune
  - B Balluff
  - E Efector Weld Immune
  - T Turck

- Gearbox Ratio**
- 05 = 5:1
  - 10 = 10:1
- Motor/ Brake 24VDC**
- 0 No Brake (Standard)
  - B Mechanical Brake  
Mechanical Brake
- Switch Position**
- E S01 Ext Pos
  - R S01 Ret Pos
- Rear Clevis Pin Orientation**
- 0 Shown
  - 9 Rotated 90 degrees  
Rotated 90 degrees
- Front Flange Orientation**
- 0 Shown
  - 9 Rotated 90 degrees

Acme lead screw and polymer nut is self-locking. No motor brake required. No lube required.  
 Design accepts all ISO series rod accessories.  
 Rod is anti-rotate but rod flats must be used to tighten rod accessories  
 Weld field immune extend and retract switches included  
 Manual override thru rear cap with 4mm hex key

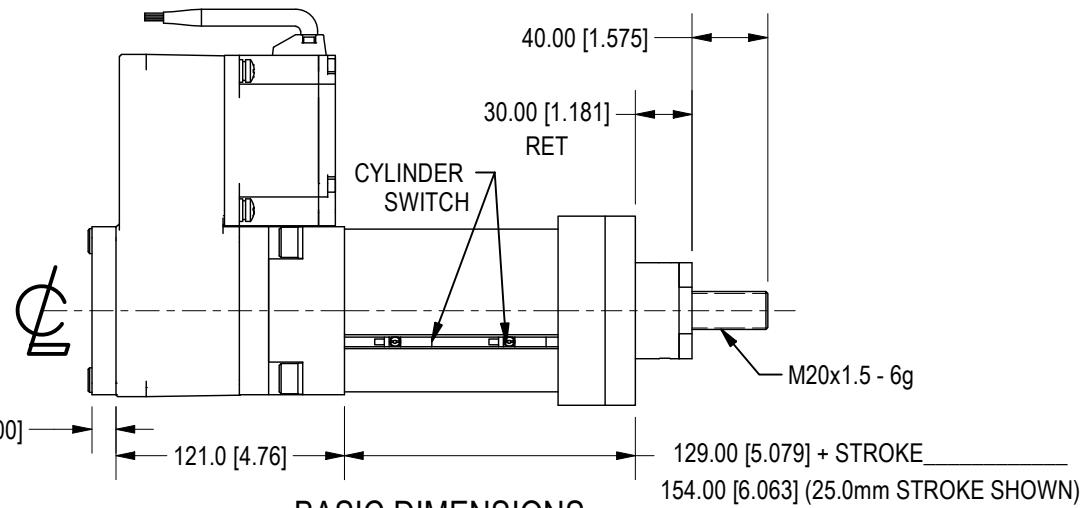
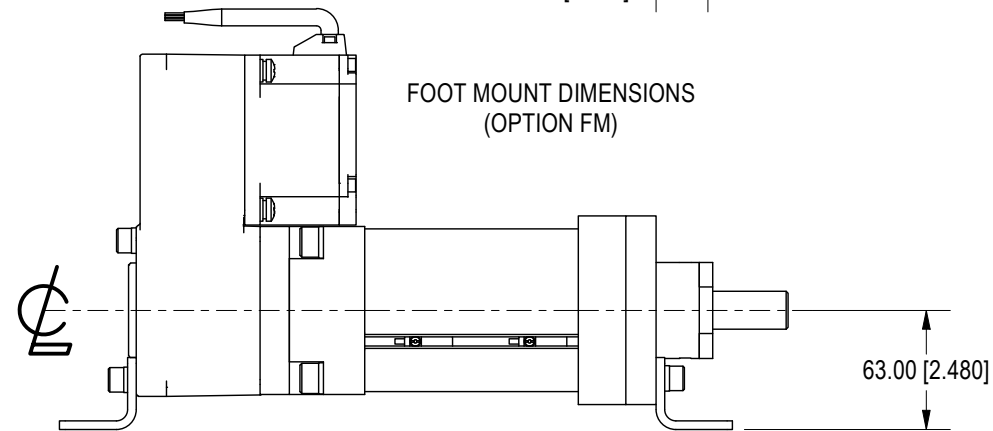
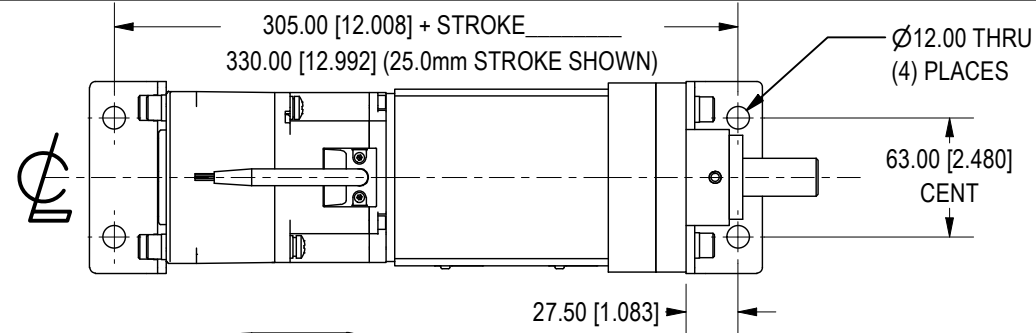
Standard push/pull force using 1-4 Screw  
 5:1 gearbox: 165lbf @ 50mm/sec  
 10:1 gearbox: 330lbf @ 25mm/sec  
 Max static load: 2500lbf  
 Rated current: 6.8A@24vdc

Contact E&E for any of the following customizations:  
 Ball screw or high lead screw applications  
 Other E&E motor or customer supplied motor options  
 48VDC or other operating voltage applications



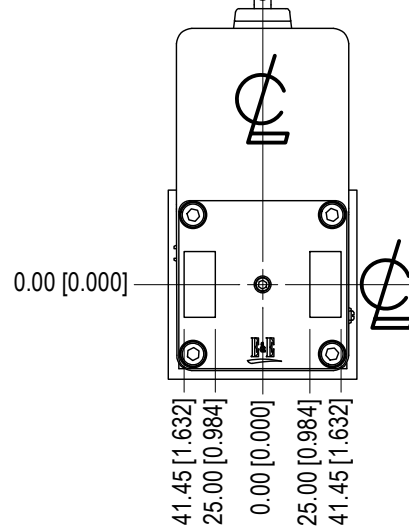
SEE SHEET 2 FOR DIMENSIONAL DATA

 <b>E &amp; E</b> CUSTOM PRODUCTS 7200 MILLER DR. WARREN, MI 48092 EE-CP.COM	<small>NOTICE: THIS DRAWING IS PROPERTY OF E&amp;E CUSTOM PRODUCTS INCLUDING THE PRINCIPLES OF THE DESIGN INVOLVED, AND IS SUBMITTED WITH AGREEMENT THAT IT IS NOT TO BE REPRODUCED, COPIED, OR LOANED, IN PART OR WHOLE, ACCEPTANCE OF THIS DRAWING WILL BE CONSTRUED AS AN AGREEMENT TO THE ABOVE</small>		
	TITLE 80 SERIES LINEAR ACTUATOR		
	PART NO.		
	DRAWN BY: EE	CHK'D BY: EC	APPR'D BY: TT
	DATE: 10/29/2023	DATE: 8/30/2024	DATE: 8/30/2024
SCALE: 1/5	DWG. NO. LA80 -Template		
SHT 1 OF 2			

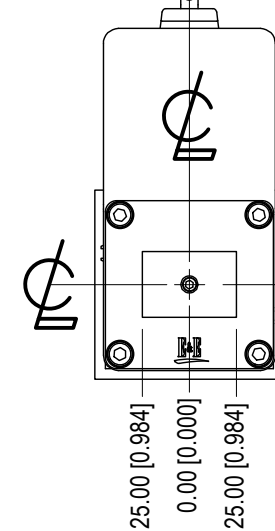


BASIC DIMENSIONS

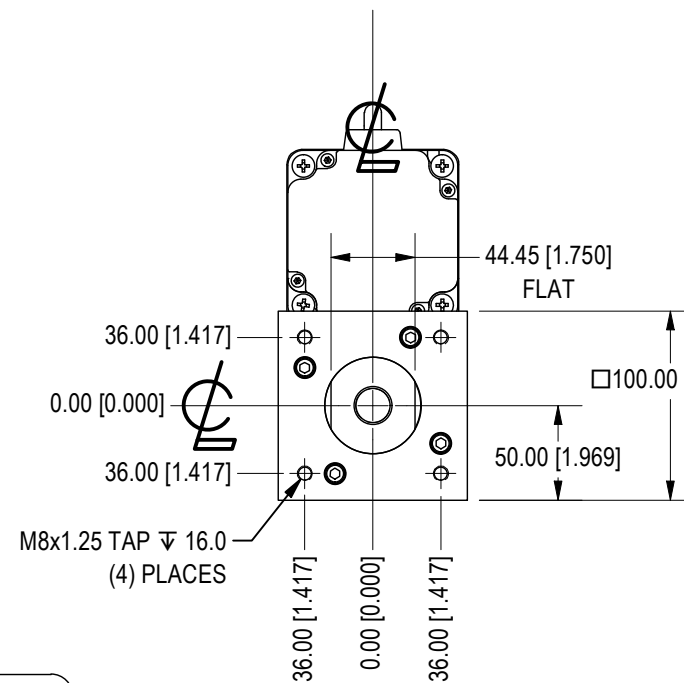
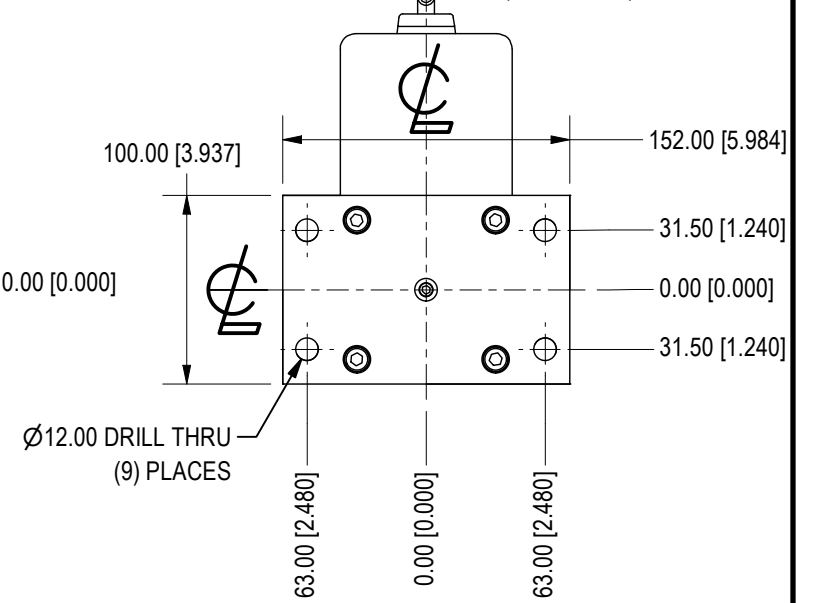
FEMALE CLEVIS DIMENSIONS (OPTION CF)



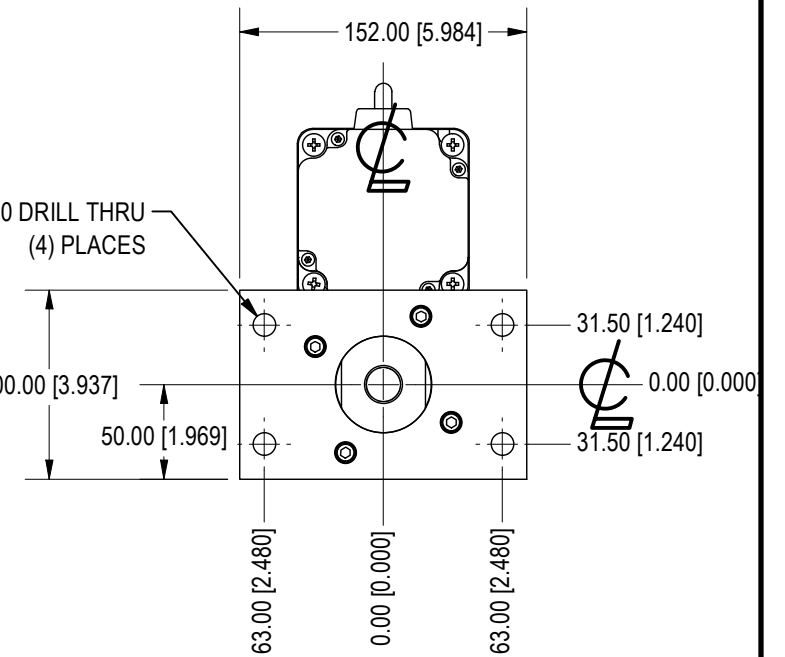
MALE CLEVIS DIMENSIONS (OPTION CM)



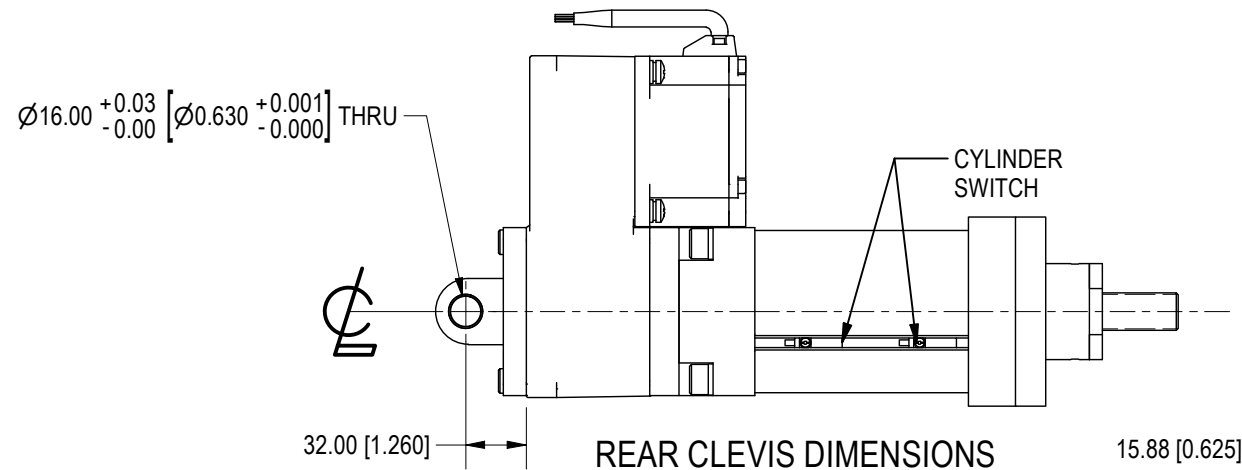
REAR FLANGE DIMENSIONS (OPTION RF)



BASIC DIMENSIONS



FRONT FLANGE DIMENSIONS (OPTION FF)



REAR CLEVIS DIMENSIONS

REAR FLANGE DIMENSIONS

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