

MRA-RTU-11-00---

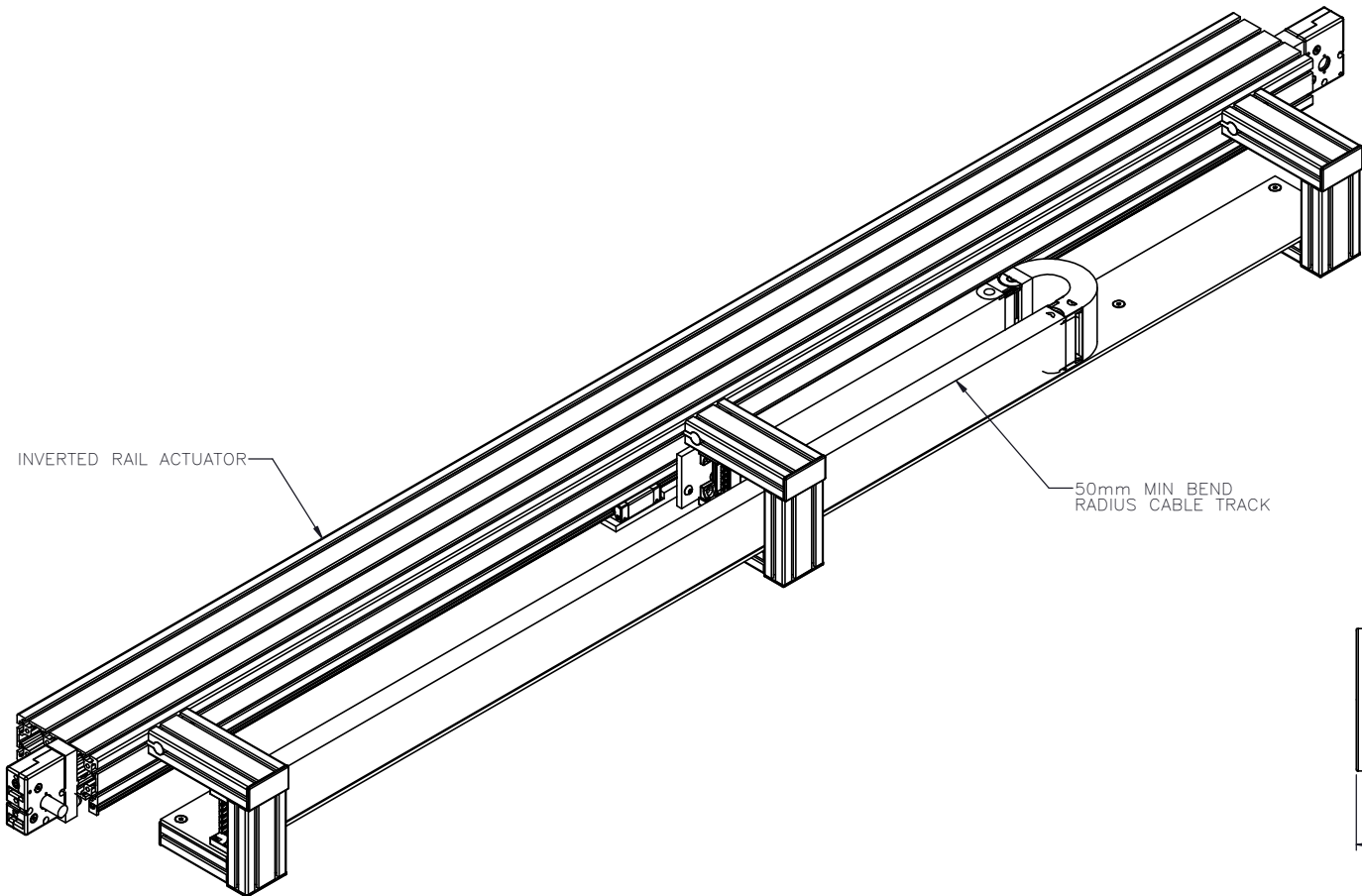
ENTER
TRAVEL IN INCREMENTS OF .25mm
TRAVEL LIMITS: 250mm-5575mm*

SELECT
DRIVE SHAFT LOCATION (SEE PAGE 2)

SHAFTING TYPE
A0=SINGLE SHAFTED
B0=DOUBLE SHAFTED

AM=SINGLE SHAFTED W/ MOTOR MOUNT
BM=DOUBLE SHAFTED W/ MOTOR MOUNT

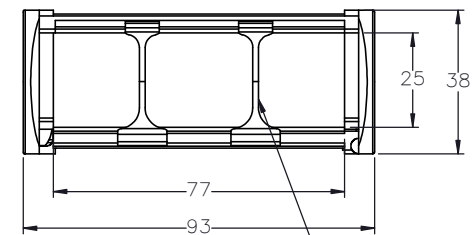
*IF TRAVEL IS
OUTSIDE LIMITS
LISTED, CONTACT
MACRON*



INVERTED RAIL ACTUATOR

50mm MIN BEND
RADIUS CABLE TRACK

CABLE TRACK CROSS SECTION




(2x) SEPARATOR
EVERY OTHER LINK

APPROVED: _____

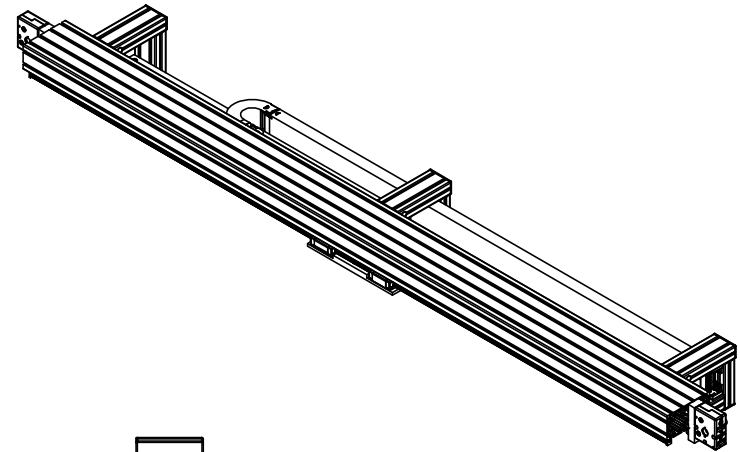
SIGN & PRINT

DATE: _____

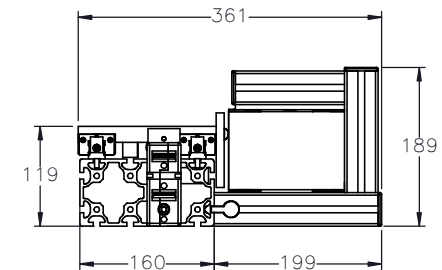
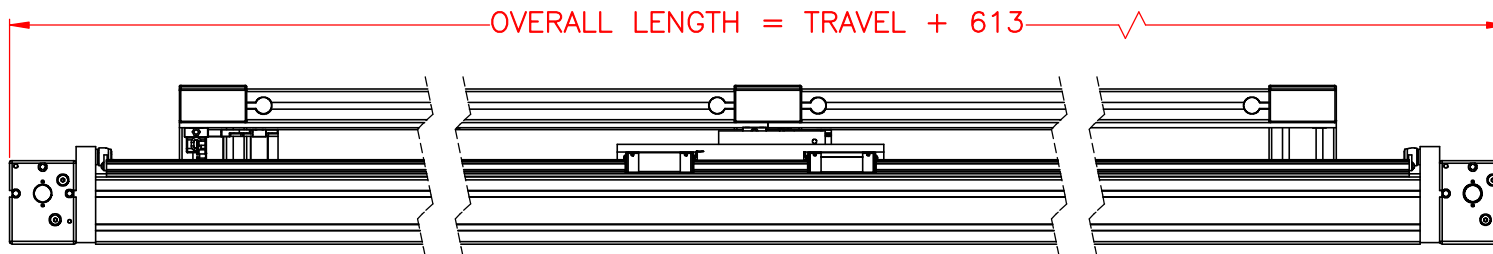
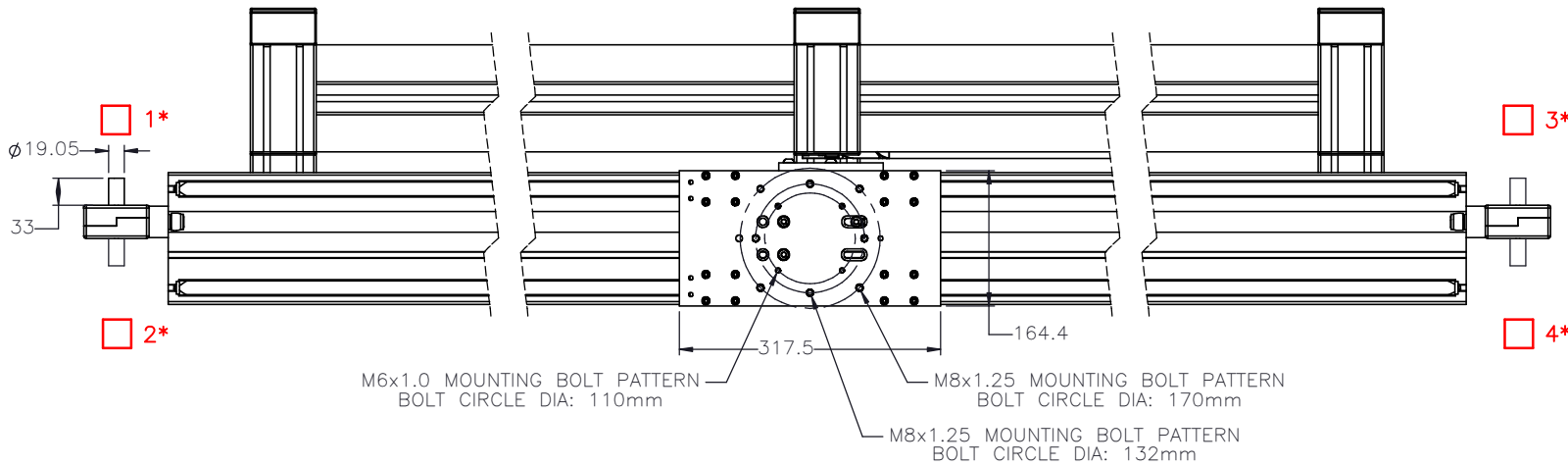
PO:REFERENCE#: _____


 MACRON DYNAMICS INC	DRAWN BY: AW	DATE: 9/21/2023	MATERIAL:	TITLE:
	CHECKED BY: --	DATE: DD/MM/YYYY		MACRON INVERTED RAIL ACTUATOR
	LAST SAVED BY: awong	DATE: 9/21/2023	FINISH:	SCALE: 1:1
	<small>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETER TOLERANCES UNLESS NOTED</small>		<small>.X ± .762 .XX ± .254 .XXX ± .127 ANG ± 0°30'</small>	SHEET SIZE: C
SURFACE FINISH <input checked="" type="checkbox"/>			BREAK ALL SHARP EDGES	SHEET: 1 OF 4
DIMENSIONAL LIMITS APPLY AFTER FINISHING THIRD ANGLE PROJECTION			PART NUMBER: MRA-RTU-11-00-A01-XXXXX	REV: 00

PROPERTY	BASE VALUE (T=250mm)
MOVING MASS	4.75kg(+0.0253kg/25mm)
BELT MASS	0.274kg(+0.00313kg/25mm)
PULLEY PITCH DIAMETER	47.75mm (1.880")
PULLEY WIDTH	28.9mm (1.138")
PULLEY MATERIAL	STEEL
BELT WEIGHT (kg)	((TRAVEL IN METERS x 2) + 1.2) x 0.12
TRAVEL PER REV.	150mm
TRAVEL MIN.	150mm
TRAVEL MAX.	5650mm
CART WEIGHT (kg)	3.8
SYSTEM WEIGHT (kg)	((TRAVEL IN METERS) x 22.9) + 21.2

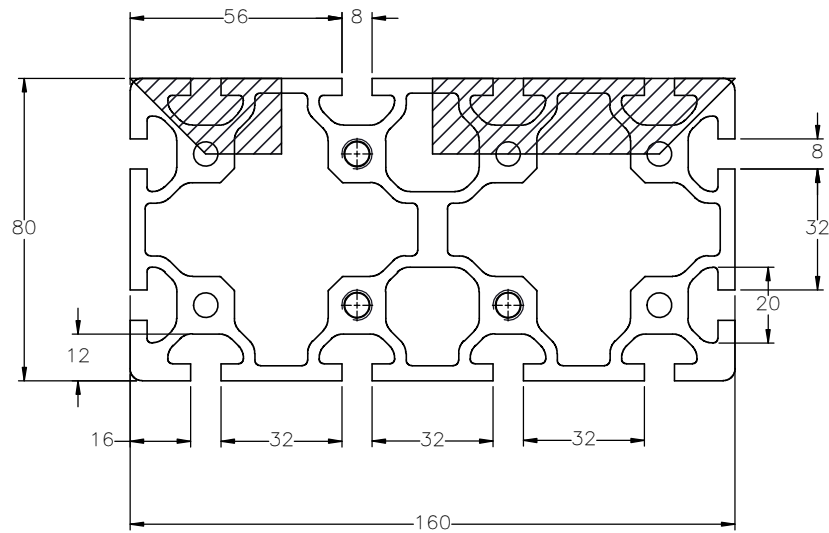


MASSSES DO NOT INCLUDE: CABLES FOR CABLE TRACK OR GEARBOXES

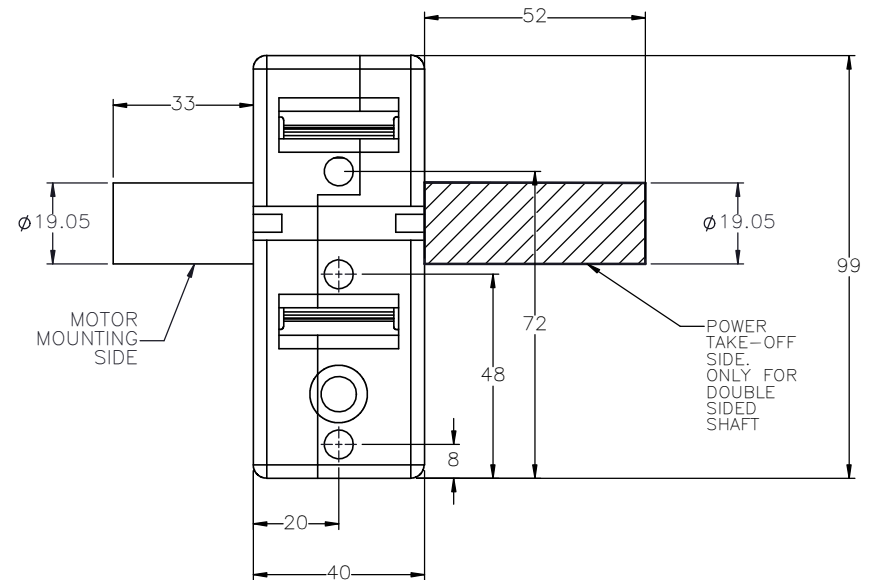
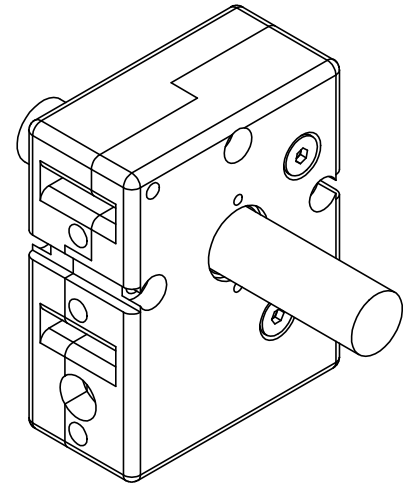


 MACRON DYNAMICS INC	DRAWN BY: AW DATE: 9/21/2023	MATERIAL:	TITLE: MACRON INVERTED RAIL ACTUATOR
	CHECKED BY: -- DATE: DD/MM/YYYY	FINISH:	
	LAST SAVED BY: awong DATE: 9/21/2023	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS NOTED: .XX ± .254 .XXX ± .127 OTHERWISE: ANG ± 0°30'	SCALE: 1:1 SHEET SIZE: C
	THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION, MANUFACTURING OR PURCHASING PURPOSES ONLY. RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT CONSTITUTE LICENSING IN ANY WAY. INFORMATION CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL.	SURFACE FINISH: 63 BREAK ALL SHARP EDGES DIMENSIONAL LIMITS APPLY AFTER FINISHING THIRD ANGLE PROJECTION	SHEET: 2 OF 4 PART NUMBER: MRA-RTU-11-00-A01-XXXXX

ACTUATOR BODY MOUNTING FEATURES T-NUT SLOTS



SHAFTED PULLEY



MACRON DYNAMICS INC

DRAWN BY: AW DATE: 9/21/2023
 CHECKED BY: -- DATE: DD/MM/YYYY
 LAST SAVED BY: awong DATE: 9/21/2023

UNLESS OTHERWISE SPECIFIED: .X ± .762
 DIMENSIONS ARE IN MILLIMETERS: .XX ± .254
 TOLERANCES UNLESS NOTED: .XXX ± .127
 OTHERWISE: ANG ± 0°30'

SURFACE FINISH BREAK ALL SHARP EDGES

DIMENSIONAL LIMITS APPLY AFTER FINISHING

THIRD ANGLE PROJECTION

MATERIAL:

FINISH:

SHEET 3 OF 4

TITLE:
**MACRON INVERTED
 RAIL ACTUATOR**

SCALE 1:1 SHEET SIZE C

PART NUMBER

MRA-RTU-11-00-A01-XXXX

REV

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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