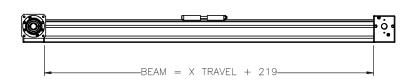
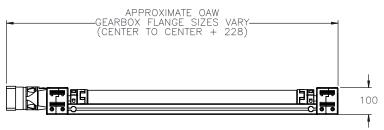
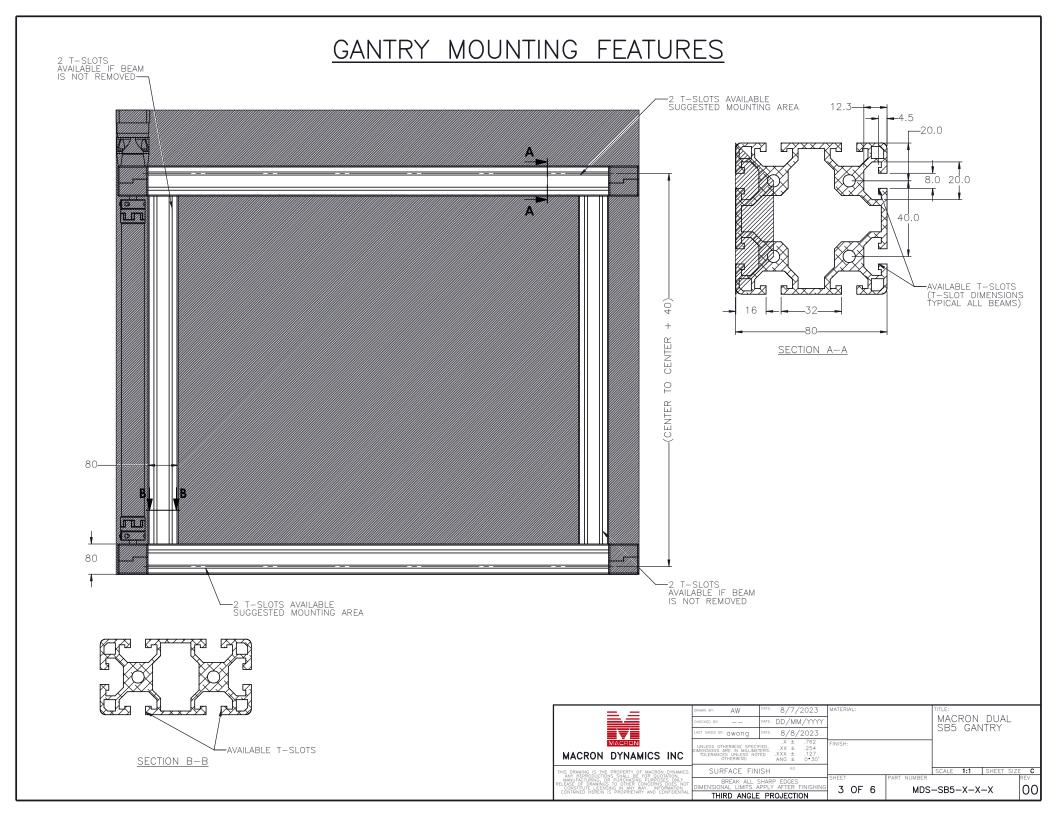


GANTRY FOOTPRINT

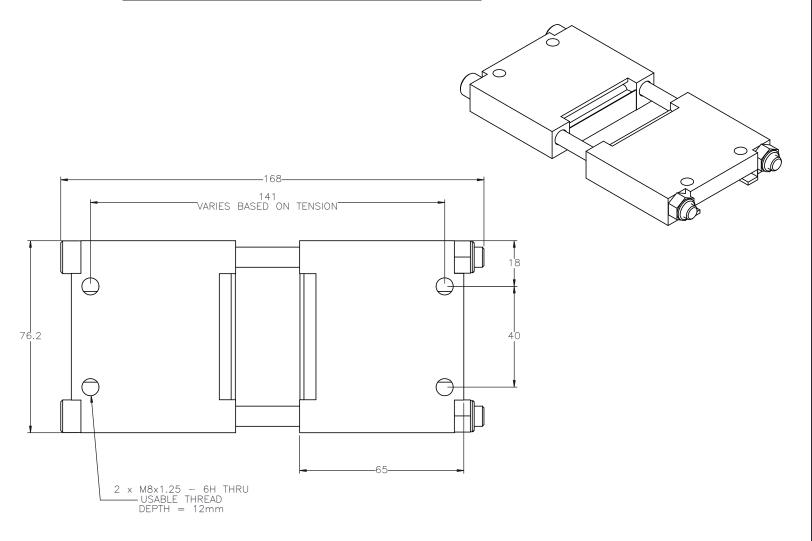




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MACRON DYNAMICS INC	DIMENSIONS ARE IN MILLIMET TOLERANCES UNLESS NOT OTHERWISE:					
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION,	SURFACE FINI				SCALE 1:1 SH	HEET SIZE C
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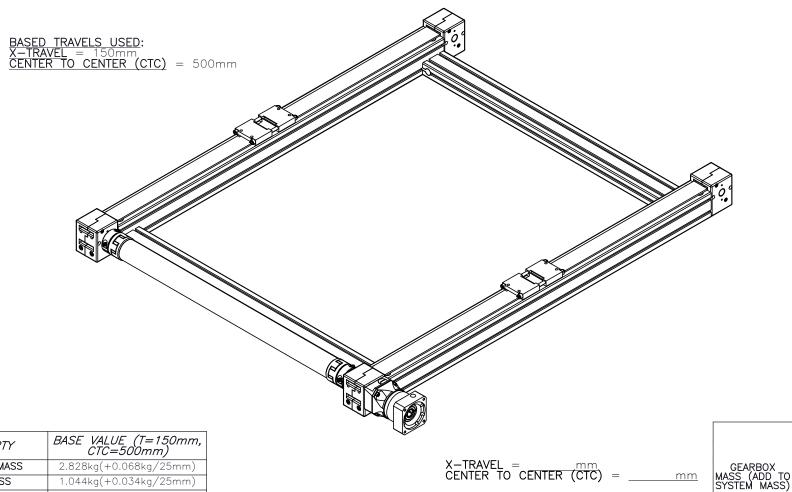
CART MOUNTING FEATURES



_ <i></i>	DRAWN BY: AW	DATE: 8/7/2023	MATERIAL:		TITLE:	
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MACRON DYNAMICS INC	UNLESS OTHERWISE SPECI DIMENSIONS ARE IN MILLIME TOLERANCES UNLESS NO OTHERWISE:	TERS . AA I . 204	FINISH:		ASSEMBL	Y
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION.	SURFACE FIN	ISH 63			SCALE 1:1	SHEET SIZE C
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CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION	+ 01 0	MIDS	300 X X	^

MOTOR SIZING WORKSHEET

(INCREMENTAL ADDERS REFER TO MASS PER TRAVEL LENGTH)



PROPERTY	BASE VALUE (T=150mm, CTC=500mm)
**MOVING MASS	2.828kg(+0.068kg/25mm)
BELT MASS	1.044kg(+0.034kg/25mm)
PULLEY PITCH Ø	47.75mm (1.880")
PULLEY WIDTH	54.0mm (2.124")
PULLEY MATERIAL	STEEL
TORQUE TUBE LENGTH	901mm
TORQUE TUBE Ø	60mm
TORQUE TUBE MASS	1.485kg(+0.036kg/25mm)
TORQUE TUBE MATERIAL	ANODIZED ALUMINUM ELASTOMER STYLE COUPLINGS WITH HUB
TRAVEL PER REV	150mm

X-TRAVEL = mmCENTER TO CENTER (CTC) = mm

NOTE: ALL SUPPLIED MASSES DO NOT INCLUDE CUSTOMER COMPONENTS (MOTORS, CABLES, ETC)

TOTAL SYSTEM MASS	(X-TRAV	EL x	.0111)	+	(CTC	×	.0078) +	- 14.744	= kg	
	DRAWN BY: AW	DATE: 8,	/7/2023	MATER	IAL:			TITLE:		
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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	BREAK ALL S DIMENSIONAL LIMITS A	PPLY AFT	TER FINISHIN	SHEET 5	OF	6	PART NUMBER MDS:	-SB5-X-X	-X	00
	THIRD ANGLE	PROJE	CHON							

MPG-064

MPG-084

MPG-114

MRG-064

MRG-084

MRG-114

1.0kg

2.3kg

5.8kg 3.0kg

5.6kg

15.0kg

SPECIFICATIONS

Sensor Type	Inductive		
SSi	Fits all 8mm wide T-Slots		
Sensor Size			
Operating Voltage	10-30 VDC		
Voltage Drop Across Conducting Sensor	≤1.8 V at 100 mA		
Number of Conductors (AWG)	3x26 AWG		
Temperature Range	-40°C to 105°C		

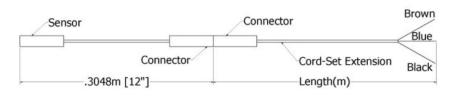
Part Number Configuration

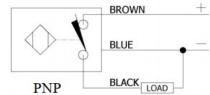
244-_ _ - _ - _

PNP or NPN	NC or NO	02	Meters
PNP or NPN	NC or NO	06	Meters
PNP or NPN	NC or NO	12	Meters

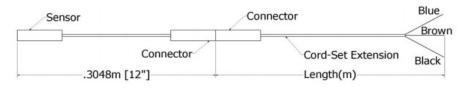
Example: PNP, normally closed, cord-set extension length 6 meters = 244-PNP-NC-06

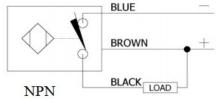
PNP Diagrams





NPN Diagrams









KIT INCLUDES - SENSOR, CORDSET EXTENSION, AND MOUNTING HARDWARE

	DRAWN BY: AW	DATE: 8/7/2023	MATERIAL:	TITLE:
	CHECKED BY:	DATE: DD/MM/YYYY		T-SLOT SENSOR
	LAST SAVED BY: awong	DATE: 8/8/2023		KIT
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THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION.	SURFACE FIN	IISH 53		SCALE 1:1 SHEET SIZE C
MANUFACTURING, OR PURCHASING PURPOSES ONLY.	DIMENSIONAL LIMITS	SHARP EDGES APPLY AFTER FINISHING E PROJECTION	6 OF 6 PART NUMBER MDS	S-SB5-X-X-X