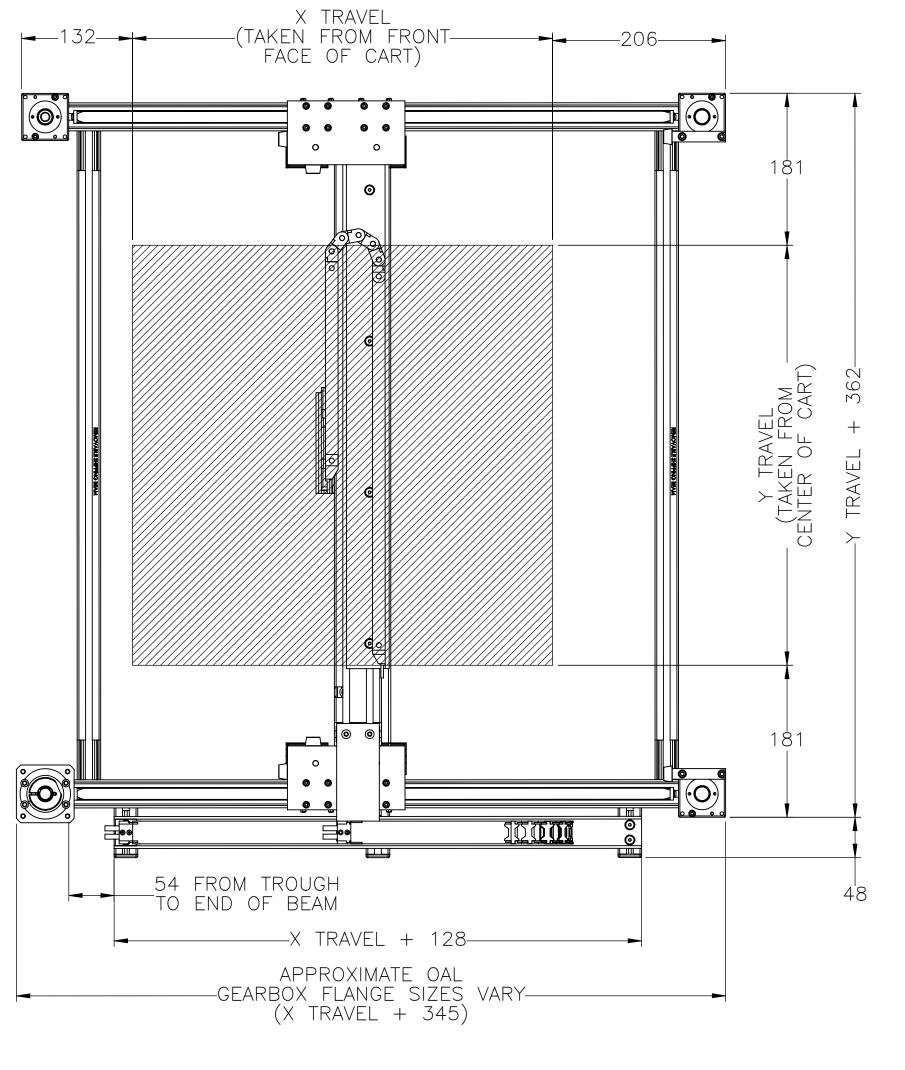
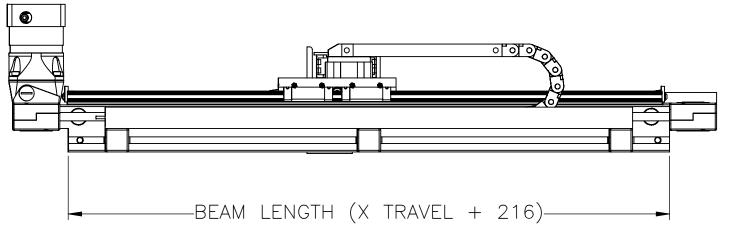
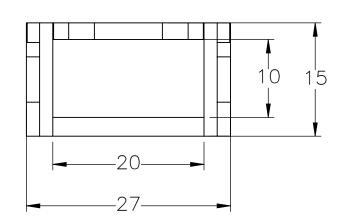
MGS-HBG-12-	X
GEARBOX MODEL MPG-062 MRG-062 RATIO:	ENTER Y-AXIS TRAVEL TRAVEL IN INCREMENTS OF 250mm TRAVEL LIMITS: 250mm-1000mm ENTER X-AXIS TRAVEL
FOR DIRECT-DRIVE OPTION WITH MMKS (NO GEARBOXES) CHECK HERE:	TRAVEL IN INCREMENTS OF 250mm OUTSIDE LIMITS TRAVEL LIMITS: 250mm—2000mm LISTED ABOVE, CONTACT MACRON*
MOTOR INFORMATION MANUFACTURER: MODEL:	
SENSOR INFORMATION X-AXIS: HOME-QTY 244 EOT-QTY 244	X' AXIS—
SENSOR INFORMATION Y-AXIS: HOME-QTY 244 EOT-QTY 244	TREMOVABLE CROSSBEAM
(SEE T-SLOT SENSOR KIT SHEET FOR PART NUMBER CONFIGURATION)	
MPG-062 GEARBOX— Y AXIS—	X AXIS
REMOVABLE CROSSBEAN	38mm MIN BEND RADIUS
MPC	S-062 GEARBOX
APPROVED:	DRAWN BY: TB DATE: 1/2/2019 MATERIAL: TITLE:
SIGN & PRINT DATE:	CHECKED BY: DATE: DD/MM/YYYY LAST SAVED BY: TH DATE: 4/16/2021 UNLESS OTHERWISE SPECIFIED. XX ± .762 UNLESS OTHERWISE SPECIFIED. XX ± .254 FINISH:
PO:REFERENCE#:	MACRON DYNAMICS INC DIMENSIONS ARE IN MILLIMETER:
	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 BREAK ALL SHARP EDGES DIMENSIONAL LIMITS APPLY AFTER FINISHING THIRD ANGLE PROJECTION SCALE 1:1 SHEET SIZE C SHEET OF 6 MGS-HBG-12-X-X-X THIRD ANGLE PROJECTION

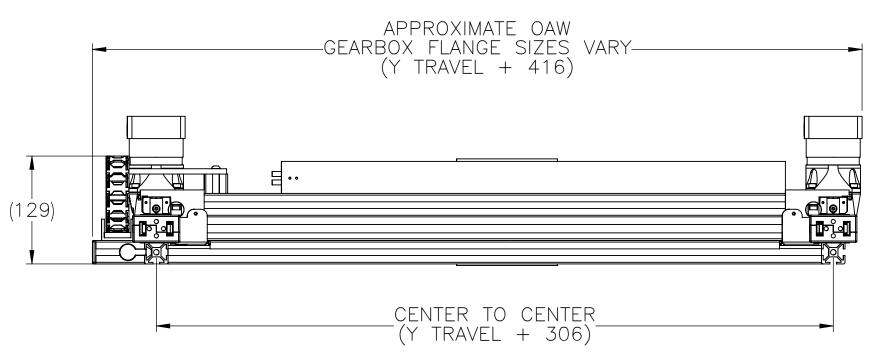




GANTRY FOOTPRINT

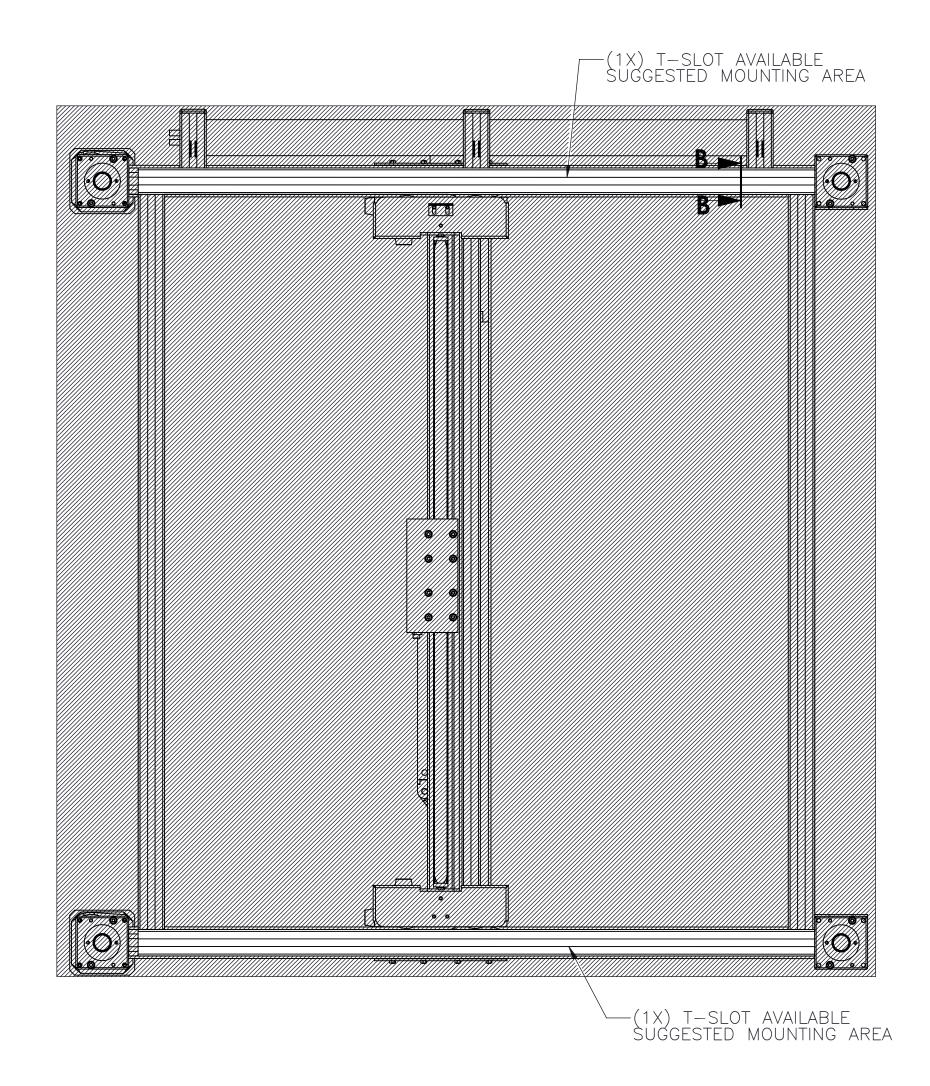
CABLE TRACK SIZE
(SAME FOR BOTH AXES)

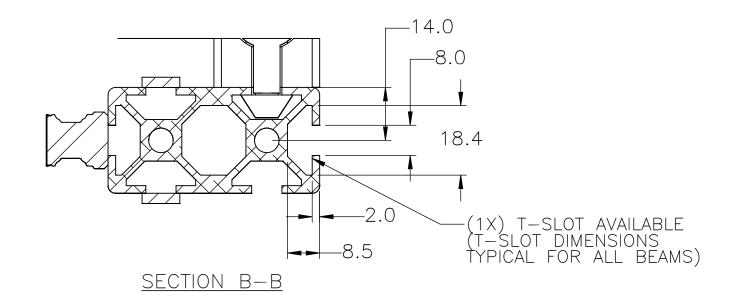


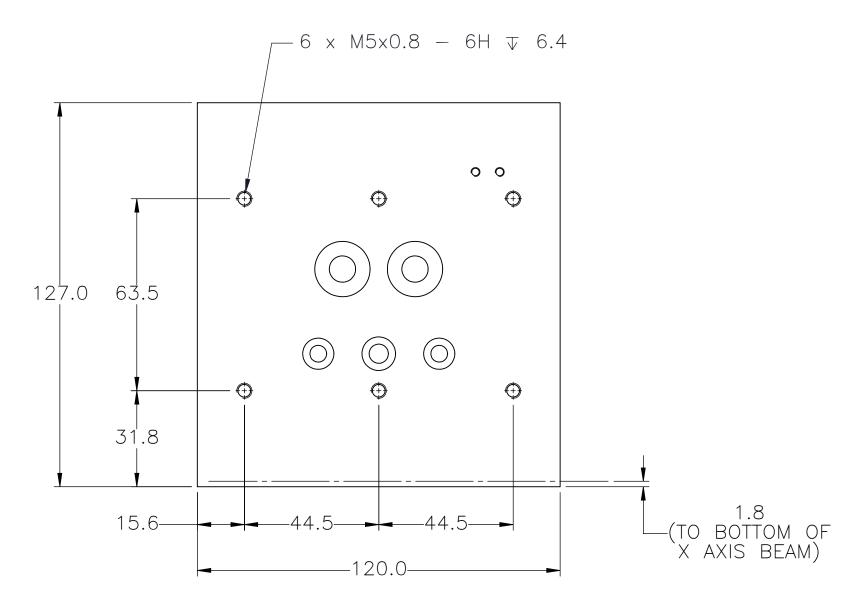


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=	CHECKED BY:	DATE: DD/MM/YYYY				
	LAST SAVED BY: TH	DATE: 4/16/2021				
MACHON	UNLESS OTHERWISE SPECIF	.X ± .762	FINISH:			
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GANTRY MOUNTING FEATURES







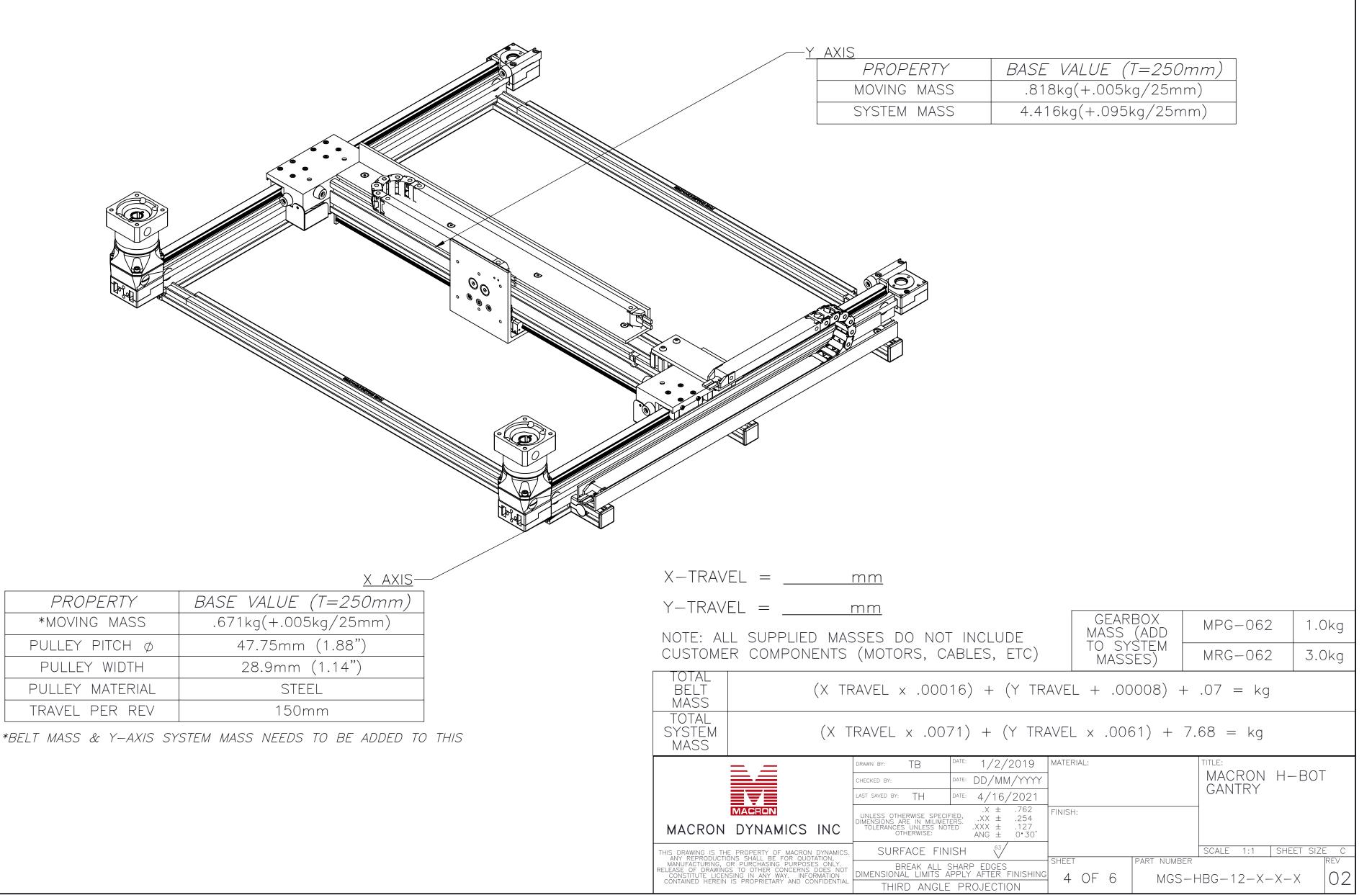
CART MOUNTING FEATURES

	DRAWN BY: TB	DATE: 1/2/2019	MATERIAL:		TITLE:	5.0.
	CHECKED BY:	DATE: DD/MM/YYYY			MACRON	H-BOI
	LAST SAVED BY: TH	DATE: 4/16/2021			GANTRY	
MACRON DYNAMICS INC	UNLESS OTHERWISE SPECI DIMENSIONS ARE IN MILLIME TOLERANCES UNLESS NO OTHERWISE:	ETER^^ ± .434	FINISH:			
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS ANY REPRODUCTIONS SHALL BE FOR QUOTATION,	SURFACE FIN	IISH ⁶³ /		ADT NUMBER	SCALE 1:1	SHEET SIZE C
MANUFACTURING, OR PURCHASING PURPOSES ONLY. RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT CONSTITUTE LICENSING IN ANY WAY. INFORMATION		SHARP EDGES APPLY AFTER FINISHING		PART NUMBER MGS-F	HBG−12−X−	-X-X
CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION		10100 1		^ ^ 0 2

MOTOR SIZING WORKSHEET

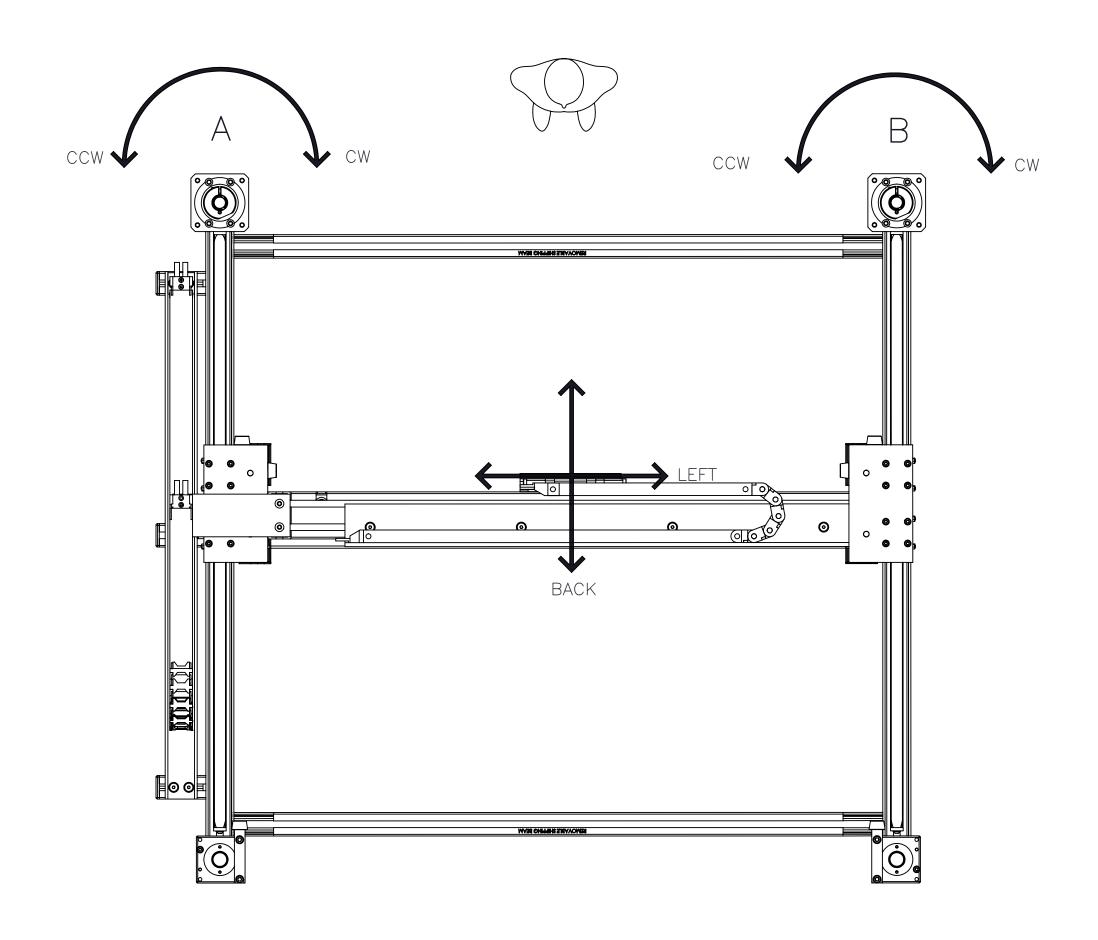
(INCREMENTAL ADDERS REFER TO MASS PER TRAVEL LENGTH)





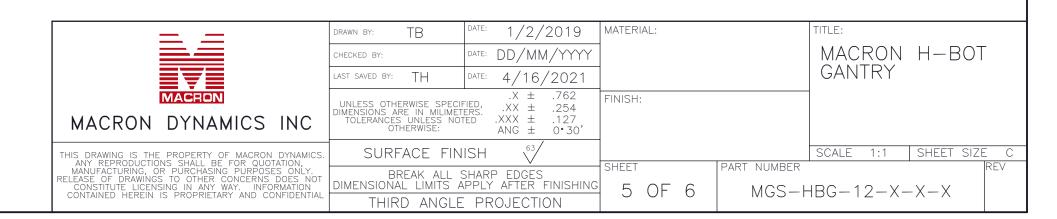
MOTOR DYNAMICS

(ASSUMES MOTORS ARE ROTATING AT SAME ANGULAR VELOCITY)



ROTATIONAL	Y-AXIS CART MOVEMENT	
PULLEY A	PULLEY B	IVIOVEIVIEIVI
CW	CW	LEFT
CW	CCW	BACK
CCW	CW	FRONT
CCW	CCW	RIGHT

PULLEY ROTATION AND Y-AXIS CART MOVEMENT ARE WITH RESPECT TO THIS GANTRY VIEW



SPECIFICATIONS

Sensor Type	Inductive			
Sensor Size	Fits all 8mm			
Selisui size	wide T-Slots			
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			

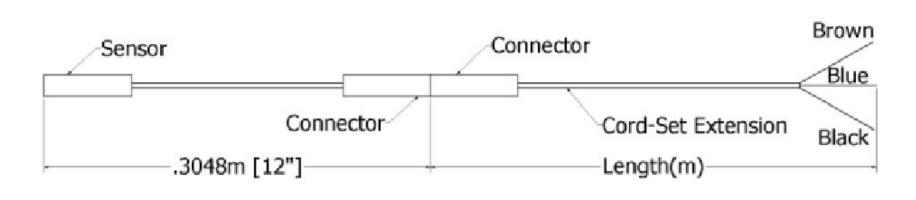
Part Number Configuration

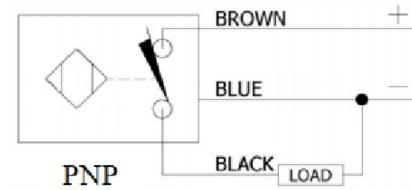
244-_ _ -_ _

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

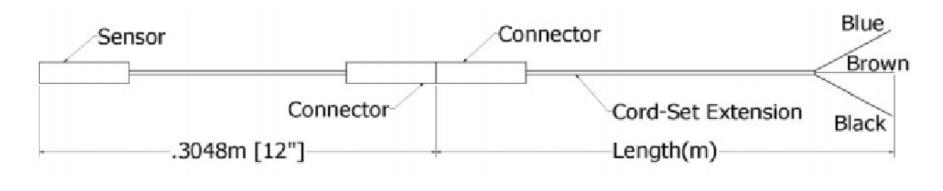
Example: PNP, normally closed, cord-set extension length 6 meters = 244-PNP-NC-06

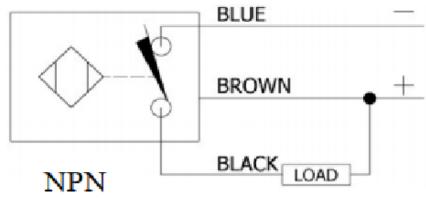
PNP Diagrams

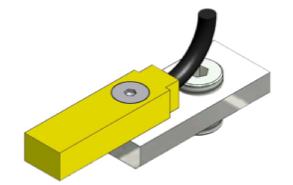




NPN Diagrams









KIT INCLUDES - SENSOR, CORDSET EXTENSION, AND MOUNTING HARDWARE

	DRAWN BY: JA	DATE: 1/2/2019	MATERIAL:			TITLE:	
	CHECKED BY:	DATE: DD/MM/YYYY				T-SLOT	SENSOR
	LAST SAVED BY: JA	DATE: 4/16/2021				KIT	
MACHON	UNLESS OTHERWISE SPECI	.X ± .762	FINISH:				
MACRON DYNAMICS INC	DIMENSIONS ARE IN MILLIME TOLERANCES UNLESS NO OTHERWISE:	- 1 - 1 - 1					
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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	SHARP EDGES PPLY AFTER FINISHING	SHEET 6 OF	6	PART NUMBER	SOR CALL—C)UT
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