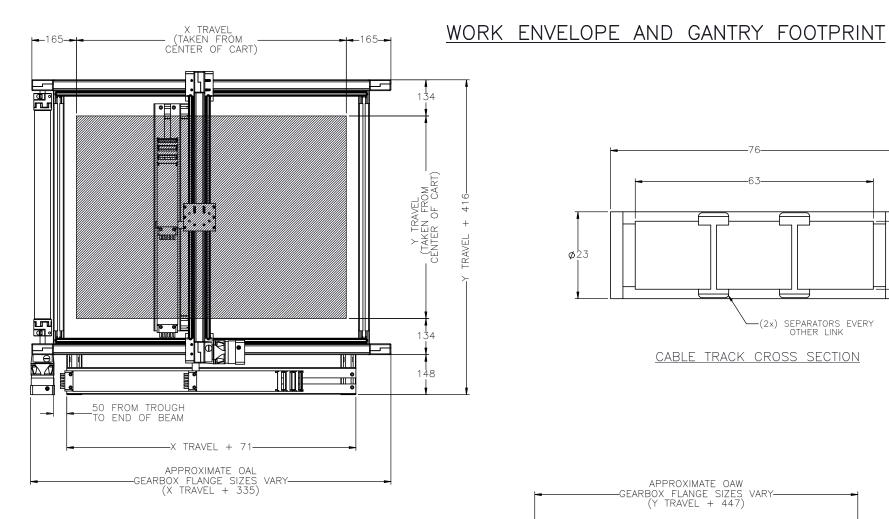
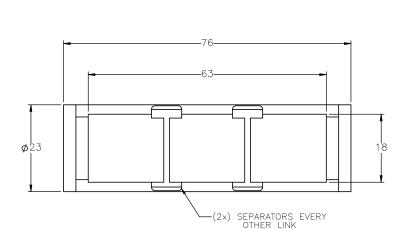
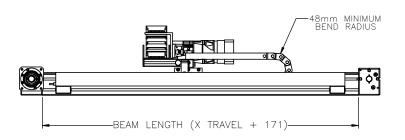
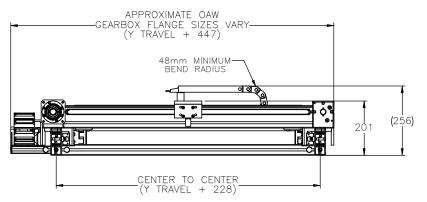
GEARBOX MODEL (X AXIS) MPG-064MPG-084 MRG-064MRG-084 RATIO:	MGS-R6S-		_X	AXIS TRAVEL
GEARBOX MODEL (Y AXIS)  MPG-064MPG-084  MRG-064MRG-084  RATIO:				INCREMENTS OF 25mm  MITS: 150mm-2500mm  AXIS TRAVEL INCREMENTS OF 25mm  MITS: 150mm-5825mm  *IF TRAVEL IS OUTSIDE LIMITS
MOTOR INFORMATION (X AXIS)  MANUFACTURER:  MODEL:  MOTOR INFORMATION (Y AXIS)	Y_		X-AXIS	LISTED, CONTACT MACRON*
MANUFACTURER:				REMOVABLE SHIPPING BEAM
EOT-QTY 244SENSOR INFORMATION Y-AXIS: HOME-QTY 244 EOT-QTY 244				200
(SEE T-SLOT SENSOR KIT SHEET FOR PART NUMBER CONFIGURATION		MOVABLE SHIPPING BEAM		48mm MIN BEND RADIUS
	80Nm RATED TORQUE TUBE			
	N	MPG-084 GEARBOX-		
APPROVED:		CHECK!	DATE: DD/MM/YYYY  EAVED BY: Tim DATE: 10/12/2020	TERIAL:  TITLE:  MACRON R6S XY  GANTRY
PO:REFERENCE#:		THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS.	SURFACE FINISH 53 SH	SCALE 1:1 SHEET SIZE C  EET PART NUMBER REV  1 OF 6 MGS-R6S-XY





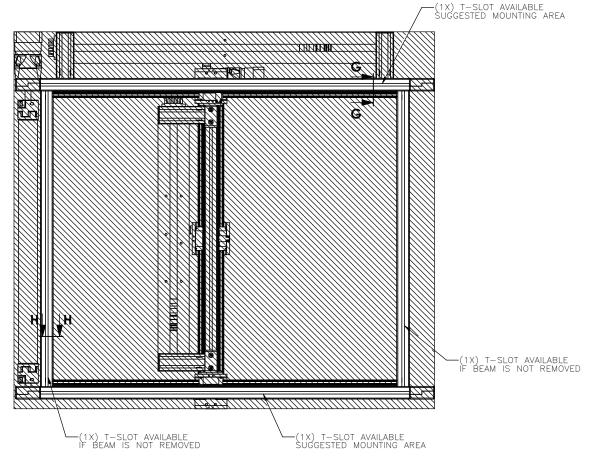
CABLE TRACK CROSS SECTION

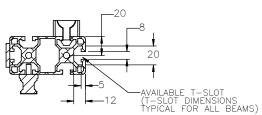




	DRAWN BY: PHW	DATE: 11/26/2017	MATERIAL:	TITLE:
	CHECKED BY:	DATE: DD/MM/YYYY		MACRON R6S XY
	last saved by: Tim	DATE: 10/12/2020		GANTRY
MACRON DYNAMICS INC	UNLESS OTHERWISE SPECIF DIMENSIONS ARE IN INCHE TOLERANCES UNLESS NOT OTHERWISE:	S AA I .010	FINISH:	
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS.	SURFACE FIN			SCALE 1:1 SHEET SIZE C
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## **GANTRY MOUNTING FEATURES**





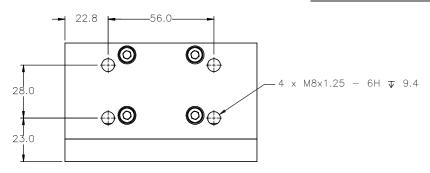
SECTION G-G

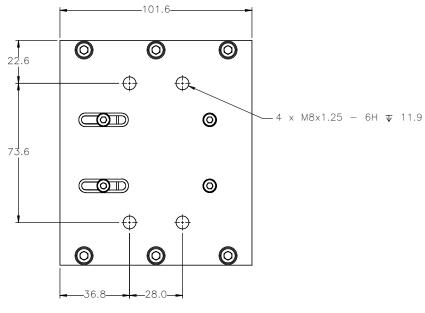
(1X) T-SLOT AVAILABLE SECTION H-H

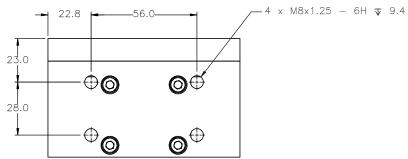
## **BOTTOM VIEW**

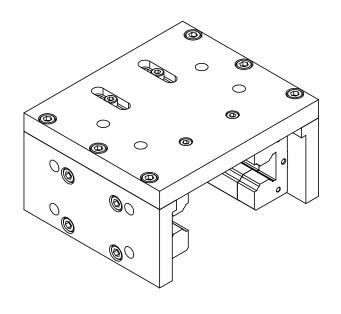
	DRAWN BY: PHW	DATE: 11/26/2017	MATERIAL:		TITLE:	
	CHECKED BY:	DATE: DD/MM/YYYY			MACDON	R6S XY
	LAST SAVED BY: Tim	DATE: 10/12/2020				NTRY
MACRON DYNAMICS INC	UNLESS OTHERWISE SPECIF DIMENSIONS ARE IN INCHE TOLERANCES UNLESS NOT OTHERWISE:	SAA ± .234	FINISH:		0/1	
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION,	SURFACE FIN	ISH 63			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 PPLY AFTER FINISHING	3 OF 6	PART NUMBER	S-R6S-XY	REV
CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION	0 01 0 1	11100	, 1100 XI	

## CART MOUNTING FEATURES





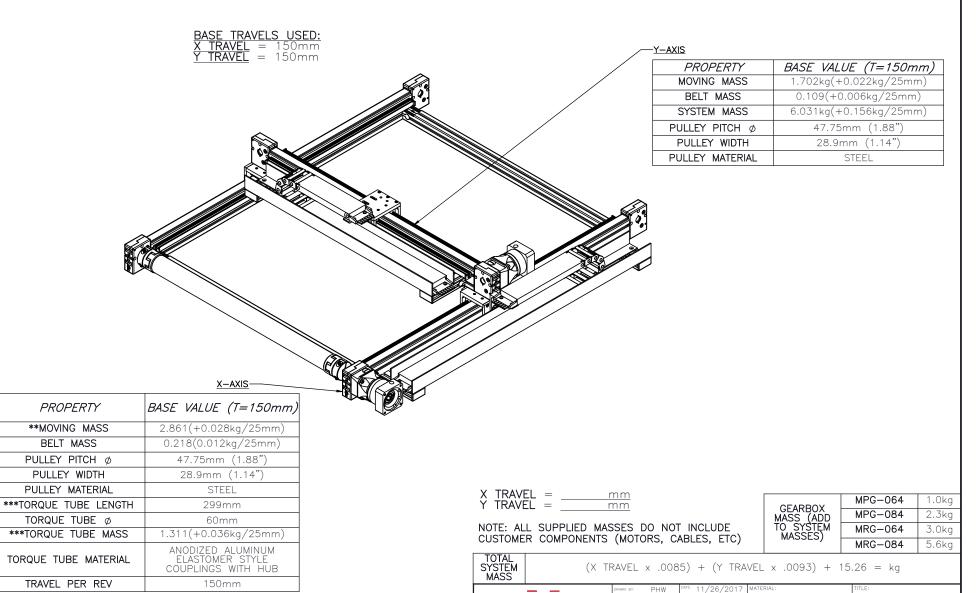




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<b>=</b> -	CHECKED BY:	DATE: DD/MM/YYYY			R6D CAF ASSEMBI	
	LAST SAVED BY: Tim	DATE: 10/12/2020			ASSEMBI	LI
MACRON DYNAMICS INC	UNLESS OTHERWISE SPECIF DIMENSIONS ARE IN INCHE TOLERANCES UNLESS NOT OTHERWISE:	ES +	FINISH:			
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS.	SURFACE FIN	ISH 63			SCALE 1:1	SHEET SIZE C
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		SHARP EDGES PPLY AFTER FINISHING	4 OF 6	PART NUMBER	SA-R6D	REV
CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION	1 + 05 0		3A-110D	

# MOTOR SIZING WORKSHEET

(INCREMENTAL ADDERS REFER TO MASS PER TRAVEL LENGTH)



MACRON DYNAMICS INC

\*\*SYSTEM MASS OF Y-AXIS NEEDS TO BE ADDED TO THIS

\*\*\*BASE VALUE AT Y TRAVEL = 150mm

ATE: DD/MM/YYYY

5 OF 6

DATE: 10/12/2020

JA

SURFACE FINISH

BREAK ALL SHARP EDGES
DIMENSIONAL LIMITS APPLY AFTER FINISHING

THIRD ANGLE PROJECTION

MACRON R6S XY

GANTRY

MGS-R6S-XY

### **SPECIFICATIONS**

Sensor Type	Inductive
Sensor Size	Fits all 8mm 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

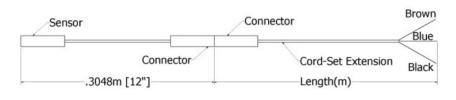
## Part Number Configuration

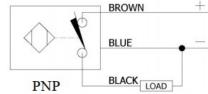
244- - -

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

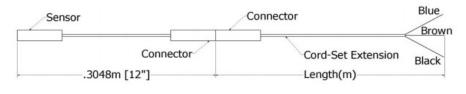
Example: PNP, normally closed, cord-set extension length 6 meters = 244-PNP-NC-06

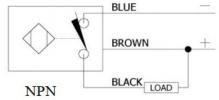
#### **PNP Diagrams**





#### **NPN Diagrams**









KIT INCLUDES - SENSOR, CORDSET EXTENSION, AND MOUNTING HARDWARE

	DRAWN BY: PHW	DATE: 11/26/2017	MATERIAL:		TITLE:	
	CHECKED BY:	DATE: DD/MM/YYYY			T-SLOT	SENSOR
	LAST SAVED BY: Paul	DATE: 10/12/2020			KIT	
MACRON	UNLESS OTHERWISE SE DIMENSIONS ARE IN MILL	.X ± .762 ECIFIED, .XX ± .254	FINISH:			
MACRON DYNAMICS INC	TOLERANCES UNLESS OTHERWISE:	NOTED XXX ± .127 ANG ± 0.30'				
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION.	SURFACE FI	NISH 63			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	BREAK ALL	SHARP EDGES APPLY AFTER FINISHING	SHEET	PART NUMBER		REV
CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL		E PROJECTION	6 OF 6	MGS	S-R6S-XY	