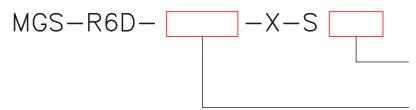
GEARBOX MODEL (X-AXIS): MPG-064MPG-084 MRG-064MRG-084 RATIO:
FOR DIRECT—DRIVE OPTION WITH MMKs (NO GEARBOXES) CHECK HERE:
MOTOR INFORMATION (X-AXIS): MANUFACTURER: MODEL:
MOTOR INFORMATION (Z-AXIS): MANUFACTURER: MODEL: (*Z AXIS IS DIRECT-DRIVEN)
SENSOR INFORMATION (X-AXIS): HOME-QTY 244 EOT-QTY 244 SENSOR INFORMATION (Z-AXIS): HOME-QTY 244 EOT-QTY 244
(SEE T-SLOT SENSOR KIT SHEET FOR PART NUMBER CONFIGURATION)



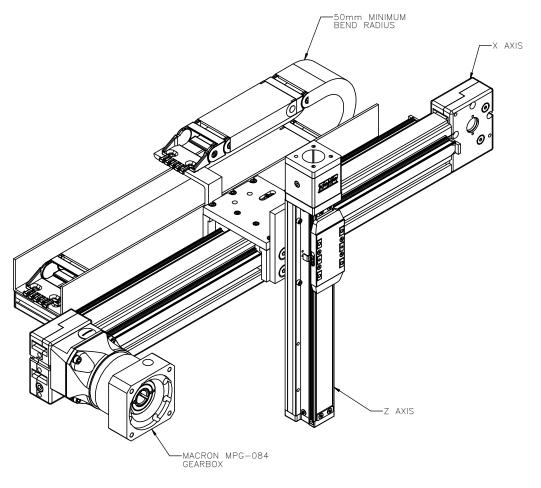
ENTER Z-AXIS TRAVEL

TRAVEL IN INCREMENTS OF 100mm
TRAVEL LIMITS: 100mm-400mm

ENTER X-AXIS TRAVEL

TRAVEL IN INCREMENTS OF 25mm TRAVEL LIMITS: 150mm-5825mm

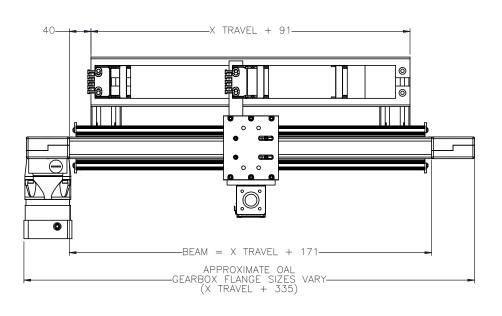
IF TRAVEL IS OUTSIDE LIMITS LISTED, CONTACT MACRON

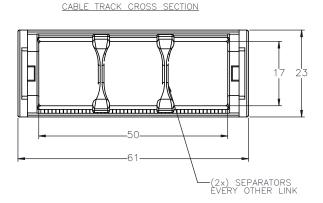


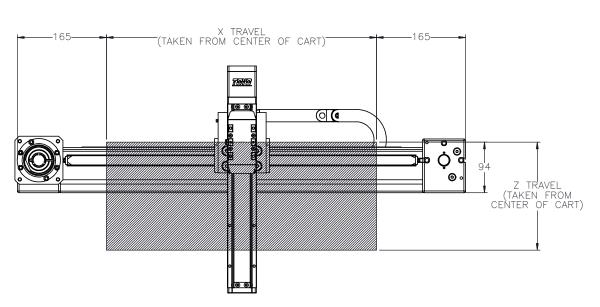
APPROVED:	
DATE:	
PO:REFERENCE#:	

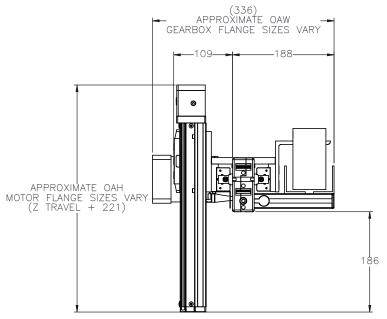
	DRAWN BY: AW	DATE: 11/8/2023	MATERIAL:		TITLE:	
	CHECKED BY:	DATE: DD/MM/YYYY			MACRON	R6D XZ
	LAST SAVED BY: awong	DATE: 11/9/2023			GANTRY	
MACRON DYNAMICS INC	UNLESS OTHERWISE SPEC DIMENSIONS ARE IN MILLIME TOLERANCES UNLESS NO OTHERWISE:	TERS .XX ± .254	FINISH:			
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS.	SURFACE FIN	ISH 63			SCALE 1:1	SHEET SIZE C
		SHARP EDGES APPLY AFTER FINISHING		PART NUMBER	SD-XXX-X-	-SYYY
CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION	1 01 0	IVIOS IN	JD	-3///

WORK ENVELOPE AND GANTRY FOOTPRINT



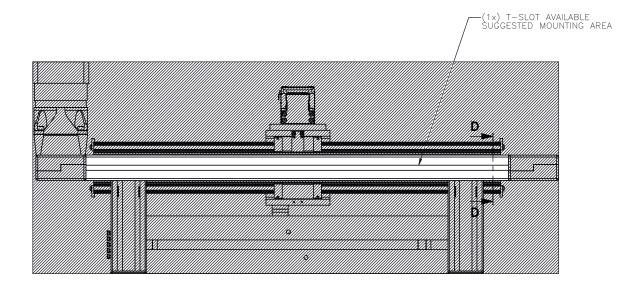


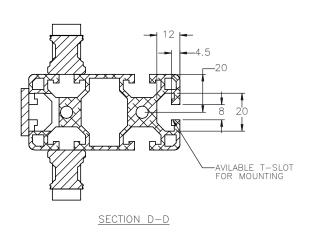




	DRAWN BY: AW	DATE: 11/8/2023	MATERIAL:		TITLE:		
	CHECKED BY:	DATE: DD/MM/YYYY]		MACRON GANTRY	R6D X	Z
	LAST SAVED BY: awong	DATE: 11/9/2023			GANTAT		
MACRON DYNAMICS INC	UNLESS OTHERWISE SPEC DIMENSIONS ARE IN MILLIME TOLERANCES UNLESS NO OTHERWISE:	TERS .AA I .ZUT	FINISH:				
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CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION	1 2 05 6	IVIGS-R	JU-XXX-X-	-3^^	

GANTRY MOUNTING FOOTPRINT



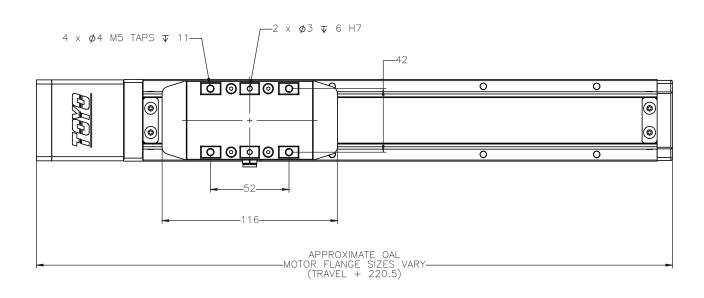


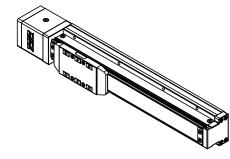
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	CHECKED BY:	DATE: DD/MM/YYYY				MACRON GANTRY	R6D X	
	LAST SAVED BY: awong	DATE: 11/9/2023				GANTRI		
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CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION	0 01	•	11100 111	3D ///// //	0,,,,,	

Z AXIS SCREW TABLE SELECTION

GTH5-L - BC-M10B-



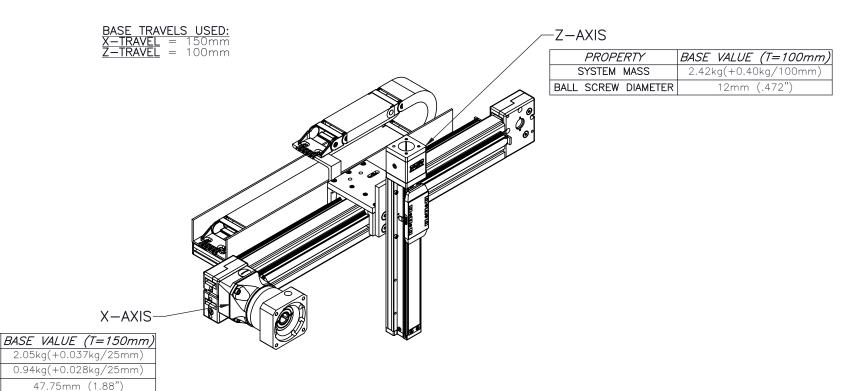




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	LAST SAVED BY: awong	DATE: 11/9/2023			SCREW I	ADLL
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THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION.	SURFACE FIN	ISH 63			SCALE 1:1	SHEET SIZE C
MANUFACTURING, OR PURCHASING PURPOSES ONLY. RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT CONSTITUTE LICENSING IN ANY WAY. INFORMATION	BREAK ALL S DIMENSIONAL LIMITS A	SHARP EDGES PPLY AFTER FINISHING		MGS-R	6D-XXX-X-	-SXXX
CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION	+ 01 0	55 10	05 //// //	0,,,,,,

MOTOR SIZING INFORMATION

(INCREMENTAL ADDERS REFER TO MASS PER TRAVEL LENGTH)



*SYSTFM	MASS	OF	7_4Y/S	NEEDS	TO B	F ANNEN	TO	THIS

28.9mm (1.14")

STEEL

150mm

PROPERTY

*MOVING MASS

BELT MASS
PULLEY PITCH Ø

PULLEY WIDTH

PULLEY MATERIAL

TRAVEL PER REV

 $X-TRAVEL = \underline{mm}$ $Z-TRAVEL = \underline{mm}$

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

GEARBOX MASS (ADD TO SYSTĘM	MPG-084	2.3kg
MASSES)	MRG-084	5.6kg

	TOTAL SYSTEM MASS		(X-TRAVEL	x .006	54) +	(Z-TR	AVEL x .0	004) + 6	.12 =	= kg
ĺ		= =	DRAWN BY:	AW	DATE: 11/8	/2023	MATERIAL:		TITLE:	
П					-					



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

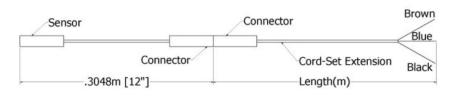
Part Number Configuration

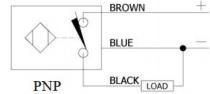
244- - -

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

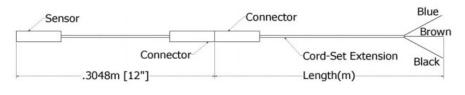
Example: PNP, normally closed, cord-set extension length 6 meters = 244-PNP-NC-06

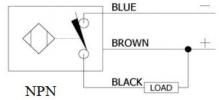
PNP Diagrams





NPN Diagrams









KIT INCLUDES - SENSOR, CORDSET EXTENSION, AND MOUNTING HARDWARE

= =	DRAWN BY: AW	DATE: 11/8/2023	MATERIAL:		TITLE:	
= -	CHECKED BY:	DATE: DD/MM/YYYY			T-SLOT	SENSOR
	LAST SAVED BY: awong	DATE: 11/9/2023			KIT	
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ANY REPRODUCTIONS STALL BE TOR GUOTATION, MANUFACTURING, OR PURCHASING PURPOSES ONLY. ELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT CONSTITUTE LICENSING IN ANY WAY. INFORMATION CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL		SHARP EDGES PPLY AFTER FINISHING PROJECTION	6 OF 6	MGS-R6	5D-XXX-X-	-SXXX
	ITHIND ANGLE	. TROOLOTION		l		