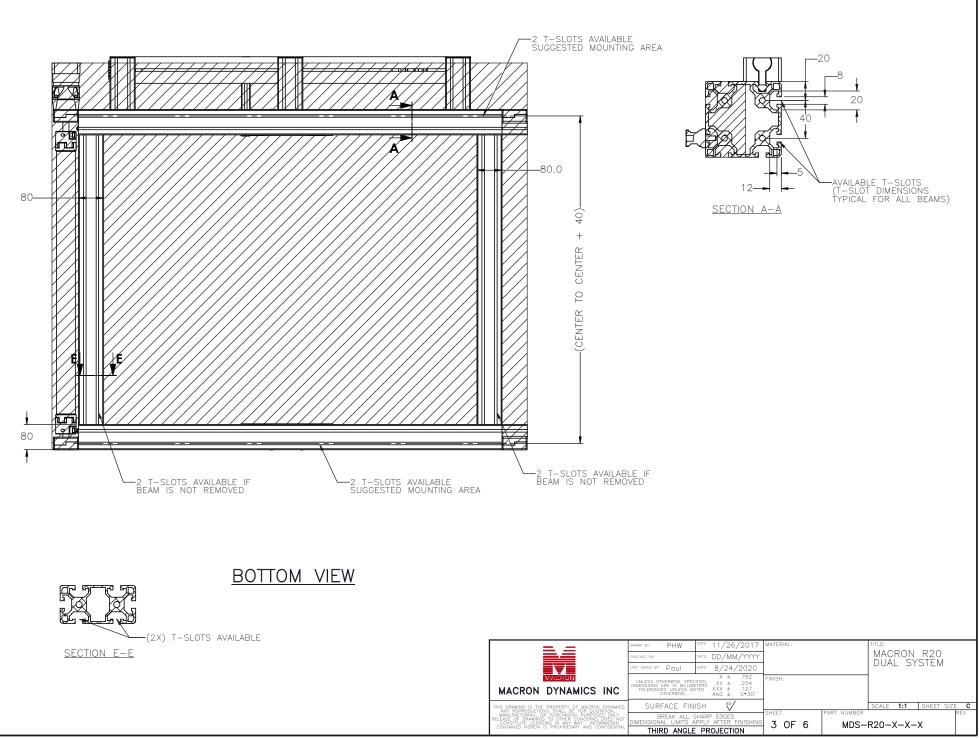
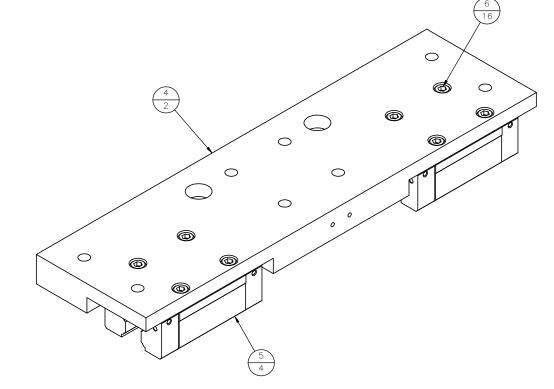
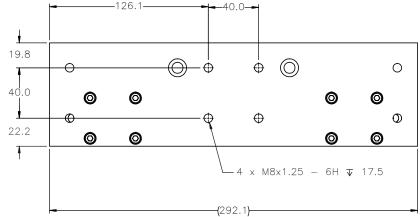


GANTRY MOUNTING FEATURES



R20 CART MOUNTING FEATURES

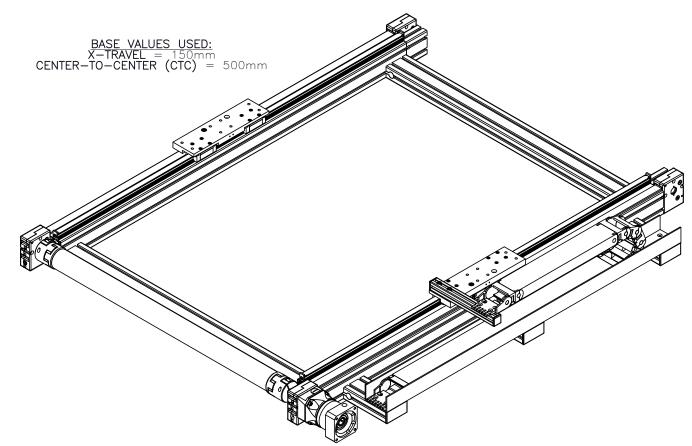




[ITEM	QTY.	PART	NUMBER	REV				DESCRIPT	ΓΙΟΝ	
[1 1 2			289 07 MACRO		CRON RAIL CART TOP					
[2	2 2 168-1622-814-20				20 SERIES RUNNER BLOCK					
[2	00	523-	3-12-ZP M5 x 12 SH0			HCS-	-ZP			
]		=	=	DRAWN BY: PHW	DATE: 11/26	5/2017	MATERIAL:			TITLE:	
				CHECKED BY:	date: DD/M	M/YYYYY			CSA-R20		
			last saved by: Tim	date: 8/24	/2020						
	MACRON DYNAMICS INC			UNLESS OTHERWISE SPECI DIMENSIONS ARE IN INCHE TOLERANCES UNLESS NOT OTHERWISE:	.X ± TIED, .XX ± ED .XXX ± ANG ±	.03 .010 .005 0•30'	FINISH:			034 112	.0
		RODUCTIONS SH		SURFACE FIN	ISH 🗳	/	SHEET		PART NUMBER	SCALE 1:1	SHEET SIZE C
	MANUFACTI RELEASE OF CONSTITUT CONTAINED	DRAWINGS TO O E LICENSING IN	CHASING PURPOSES ONLY. THER CONCERNS DOES NOT ANY WAY. INFORMATION PRIETARY AND CONFIDENTIAL	BREAK ALL S DIMENSIONAL LIMITS A THIRD ANGLE	PPLY AFTER	FINISHING		6		SA-R20	00

MOTOR SIZING WORKSHEET

(INCREMENTAL ADDERS REFER TO MASS PER TRAVEL LENGTH)



PROPERTY	BASE VALUE (T=150mm, CTC=500mm)		
**MOVING MASS	4.581kg(+.0341kg/25mm)		
BELT MASS	0.310kg(.012kg/25mm)		
PULLEY PITCH Ø	47.75mm (1.88")		
PULLEY WIDTH	28.9mm (1.14")		
PULLEY MATERIAL	STEEL		
TORQUE TUBE LENGTH	461mm		
TORQUE TUBE Ø	60mm		
TORQUE TUBE MASS	1.544kg(+.036kg/25mm)		
TORQUE TUBE MATERIAL	ANODIZED ALUMINUM ELASTOMER STYLE COUPLINGS WITH HUB		
TRAVEL PER REV	150mm		

X-TRAVEL = CENTER TO CENTER		GEAR	(ADD	MPG-064 MPG-084 MPG-114	1.0kg 2.3kg 5.8kg	
NOTE: ALL SUPPLIED M CUSTOMER COMPONENT			TO SY: MAS		MRG-064 MRG-084 MRG-114	3.0kg 5.6kg 15.0kg
TOTAL SYSTEM MASS	(X-TRA	AVEL x .0163)	+ (CTC ×	.0069)	+16.38 = 4	(g
	DRAWN BY: PHW CHECKED BY: LAST SAVED BY: Paul	DATE: DD/MM/YYYY DATE: 8/24/2020 .X ± .762	MATERIAL: TITLE: MACRON R20 DUAL SYSTEM			
MACRON DYNAMICS INC	UNLESS OTHERWISE SPEC DIMENSIONS ARE IN MILLIM TOLERANCES UNLESS N OTHERWISE:	ETERS. XX ± .254 ETERS. XXX ± .127 ANG ± 0.30'				
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION, MANUPACTURING, OR PURCHASING PURPOSES ONLY. RELASE OF DRAWESS TO OTHER CONCERNS DRIES NOT DRAWESS TO OTHER CONCERNS DRIES NOT CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL		V 5	5 OF 6	PART NUMBER		REV REV

SPECIFICATIONS

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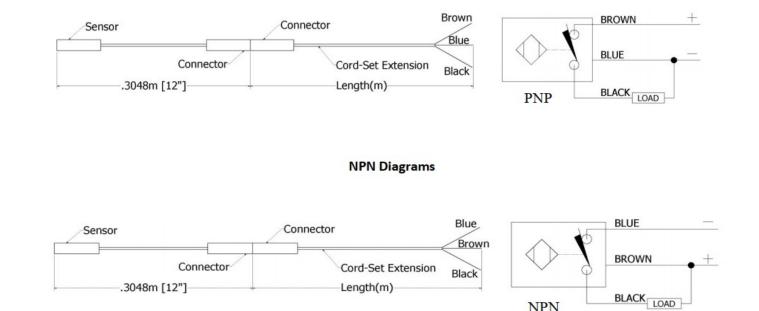
Sensor Type	Inductive		
Sensor Size	Fits all 8mm		
	wide T-Slots		
Operating Voltage	10-30 VDC		
Voltage Drop Across Conducting Sensor	≤1.8 V at 100 mA		
Number of Conductors (AWG)	3x26 AWG		
Temperature Range	-40°C to 105°C		

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



KIT INCLUDES - SENSOR, CORDSET EXTENSION, AND MOUNTING HARDWARE

NPN

_ _	DRAWN BY: PHW	DATE: 11/26/2017	MATERIAL:	TITLE:
	CHECKED BY:	date: DD/MM/YYYY		T-SLOT SENSOR
	LAST SAVED BY: Paul	DATE: 8/24/2020		KIT
MACRON	UNLESS OTHERWISE SPEC		FINISH:	-
MACRON DYNAMICS INC	DIMENSIONS ARE IN MILLINE TOLERANCES UNLESS NO OTHERWISE:			
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION.	SURFACE FIN	ISH 🗳		SCALE 1:1 SHEET SIZE C
MANUFACTURING, OR PURCHASING PURPOSES ONLY. RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT	BREAK ALL S DIMENSIONAL LIMITS A	SHARP EDGES PPLY AFTER FINISHING	SHEET PART NUMBE	
CONSTITUTE LICENSING IN ANY WAY. INFORMATION CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL		PROJECTION	6 OF 6 MDS	S-R20-X-X-X