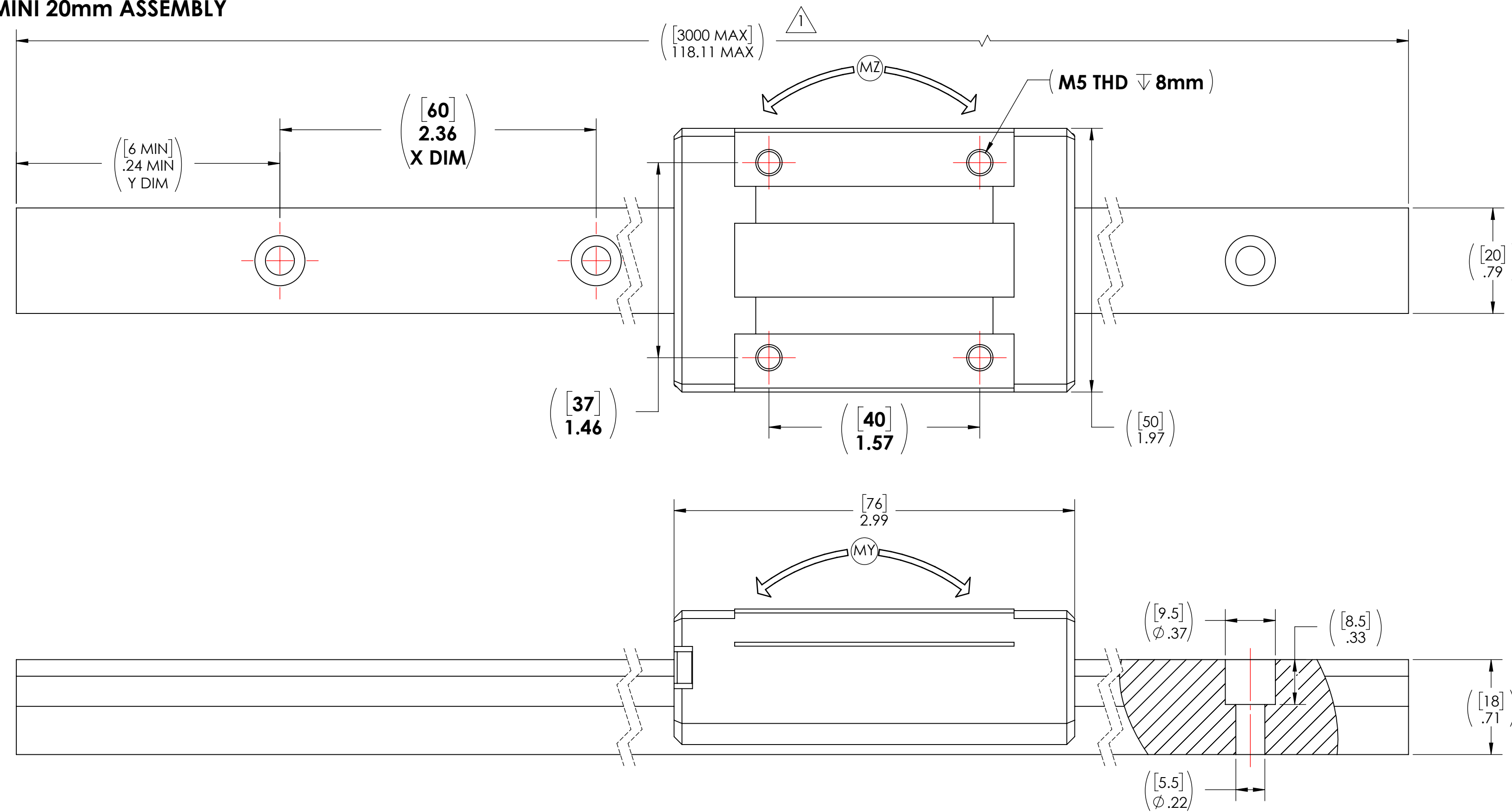


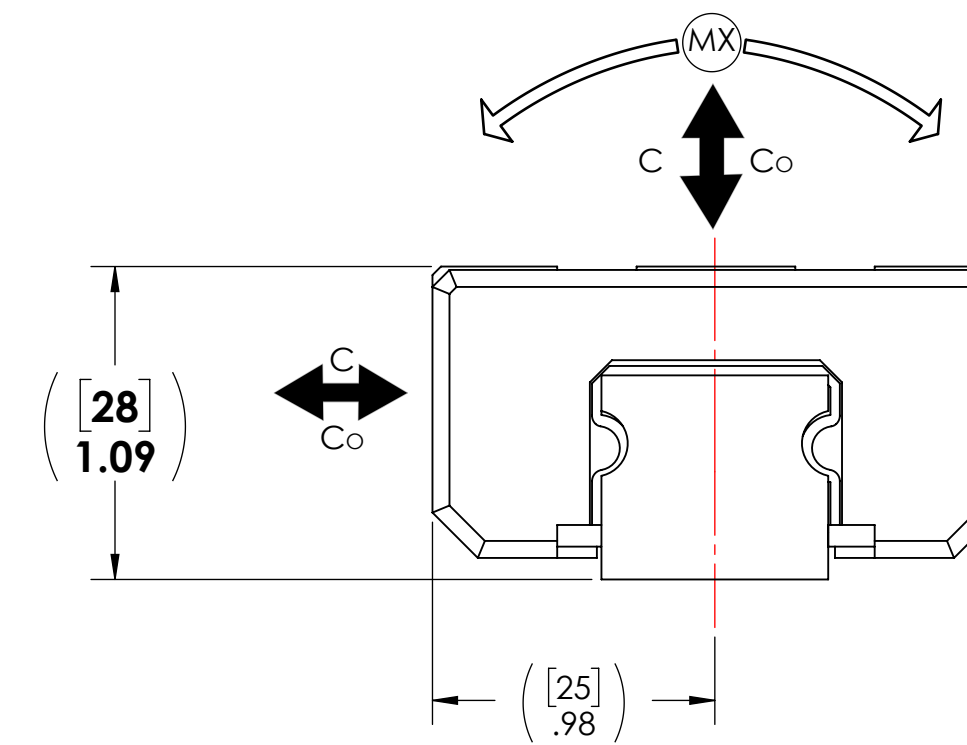
ACCUMINI 20mm ASSEMBLY



MOMENT RATINGS					
STATIC MOMENT (Nm ²)			DYNAMIC MOMENT (Nm ²)		
MX	MY	MZ	MX	MY	MZ
235	140	140	157.5	94.5	94.5

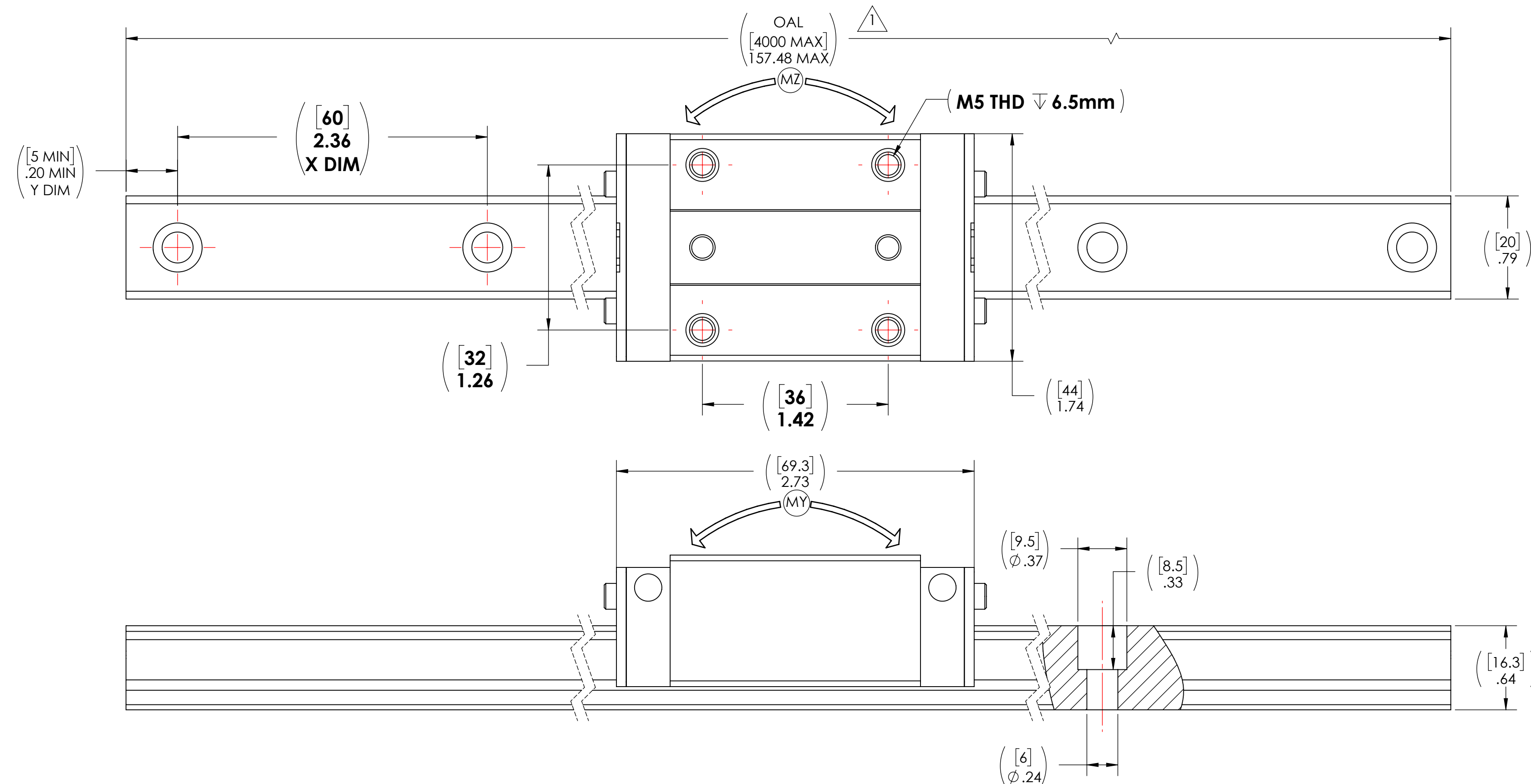
NOTES:

- MAXIMUM LENGTH FOR 1 PIECE RAIL CONSTRUCTION. BUTT JOINTING IS POSSIBLE FOR LONGER LENGTHS IF REQUIRED.
- CARRIAGE MATERIALS: POLYMER RETAINER, STAINLESS STEEL BALLS.
- CARRIAGES AND RAILS CANNOT BE INTERCHANGED BETWEEN PRODUCT FAMILIES.
- (2) ACCURACY CLASSES TO CHOOSE FROM (HIGH GRADE AND PRECISION GRADE).
- OPERATING PARAMETERS:
 - MAX VELOCITY = 3 m/s
 - MAX ACCELERATION = 50 m/s²
 - MAX TEMPERATURE = 80 °C
- DYNAMIC LOAD RATING = 14,956 N (BASED ON 50km LIFE).**
- STATIC LOAD CAPACITY = 23,000 N.
- SEE CATALOG OR WEBSITE FOR MORE DETAILS.
- DYNAMIC LOAD AND MOMENT RATINGS:
 - C = DYNAMIC LOAD
 - Co = STATIC LOAD
 - MX = YAW MOMENT
 - MY = PITCH MOMENT
 - MZ = ROLL MOMENT



ACCUMINI PART NUMBERS	
ASSEMBLY	xAD20AAxxLxxxx Y=xx
CARRIAGE	CD20AAxx
RAIL	RD20xLxxxx Y=xx

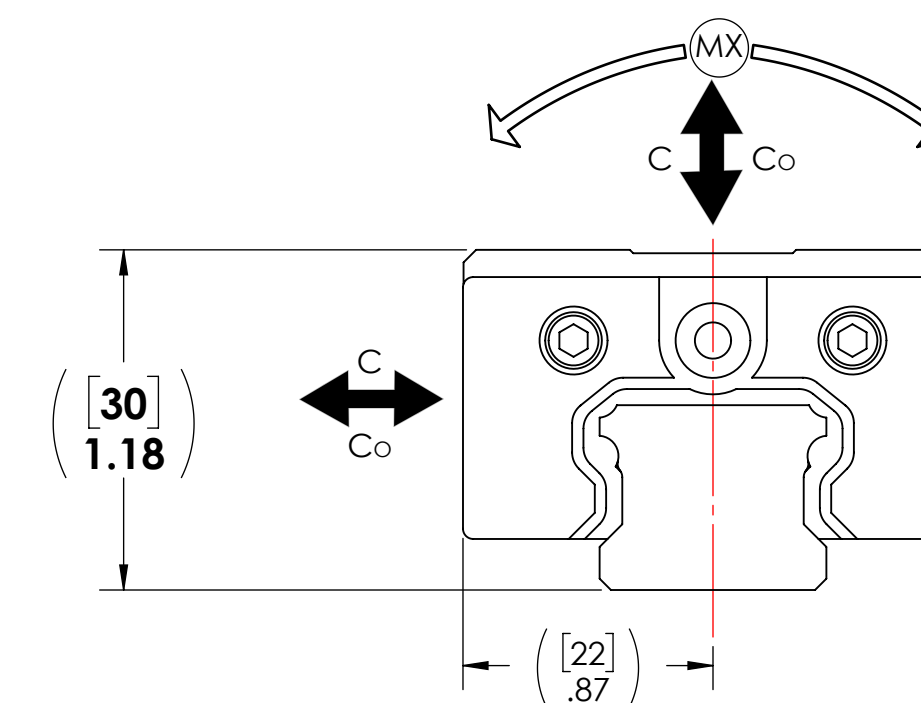
400 SERIES 20mm ASSEMBLY



MOMENT RATINGS					
STATIC MOMENT (Nm ²)			DYNAMIC MOMENT (Nm ²)		
MX	MY	MZ	MX	MY	MZ
285	221	221	166	129	129

NOTES:

- MAXIMUM LENGTH FOR 1 PIECE RAIL CONSTRUCTION. BUTT JOINTING IS POSSIBLE FOR LONGER LENGTHS IF REQUIRED.
- CARRIAGE POLYMER RETURN SYSTEM, CARBON STEEL BALLS. AVAILABLE IN (2) INTERNAL CONFIGURATIONS WHICH FIT THE SAME RAIL MATERIAL (421).
 - STANDARD BALL (411)
 - BALL CARRIAGE (413)
- CARRIAGES AND RAILS CANNOT BE INTERCHANGED BETWEEN PRODUCT FAMILIES.
- SEVERAL ACCESSORIES AND MODIFICATIONS TO CARRIAGE AND RAIL ARE AVAILABLE.
- (2) ACCURACY CLASSES TO CHOOSE FROM (HIGH GRADE OR NORMAL GRADE).
- OPERATING PARAMETERS:
 - MAX VELOCITY = 5 m/s
 - MAX ACCELERATION = 50 m/s²
 - TEMPERATURES:
 - MAX 80 °C
 - MIN -40 °C
- DYNAMIC LOAD RATING = 14,300 N (BASED ON 50km LIFE).**
- STATIC LOAD RATING = 30,500 N.
- SEE CATALOG OR WEBSITE FOR MORE DETAILS.
- DYNAMIC AND STATIC MOMENT LOAD RATINGS:
 - C = DYNAMIC LOAD
 - Co = STATIC LOAD
 - MX = YAW MOMENT
 - MY = PITCH MOMENT
 - MZ = ROLL MOMENT



400 SERIES PART NUMBERS	
ASSEMBLY	441x20Cx-xA+xxxx Y=xx
CARRIAGE	411x20Cx
RAIL	421x20A+xxxx Y=xx

ECN	REV.	DESCRIPTION	BY	DATE
REVISIONS				

CUSTOMER NO.	
FINISH	
HEAT TREAT	ERROR!Heat Treat
MATERIAL	

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UNLESS OTHERWISE SPECIFIED: MACHINE SURFACES: 125-μ" BUBBLER HOLES AND SHARP EDGES: 0.050" THIS DO NOT SCALE DRAWINGS SYMBOLS PER ANSI Y14.5

REFERENCES:	400 SERIES CROSSOVER (RECOMMENDED)
PRODUCT RELEASE NO.	
DRAWN BY	JDB
DATE	8/3/2023
SCALE	1.5:1
PAGE	1 of 1
SIZE	D

1300 N. STATE ST. MARENGO, IL 60152	
TITLE COMPARISON DRAWING	
DRAWING NO. ACCUMINI SIZE 20 COMPARISON	REV -