

NOTES:

1. USER MUST DETERMINE FITNESS FOR USE IN APPLICATION.
2. DYNAMIC TORQUE AND PART NUMBERS SEE PAGE 2
3. ENVIRONMENTAL CONDITIONS: -20° TO +80°C. UP TO 10% OF LIFE CYCLES AT HOT AND COLD CONDITIONS.
4. LIFE CYCLE: 50,000 TOTAL ADJUSTMENTS. ONE ADJUSTMENT EQUALS MOVEMENT IN ANY DIRECTION UP TO FULL TRAVEL, OR 90° MAX WHEN DUTY CYCLE IS LESS THAN 10% AND SPEED IS LESS THAN 60 RPM.
5. PART MARKED WITH DATE (MOYR) AND CATALOG CODE.
EXAMPLE: 0220
SJ-500-4.0A-01-01
6. MATERIAL:
COVER AND BASE: ENGINEERED PLASTIC
SHAFT: NITRIDED STEEL
BALL AND TORQUE ELEMENT: HARDENED STEEL
LUBRICANT: MINERAL OIL BASED
7. SHAFT TO COVER ANGLE NOT CONTROLLED.
8. MAX BENDING MOMENT ON SHAFT = 52 Nm [460 LB-IN].


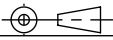
CATALOG CODE

SJ - 500 - X.XX - XX - XX

TORQUE Nm
4.0A - ASYMMETRIC
6.0A - ASYMMETRIC
8.0A - ASYMMETRIC

SHAFT END
01 - EXTERNAL M10

MOUNTING TYPE
01 - COUNTERBORE

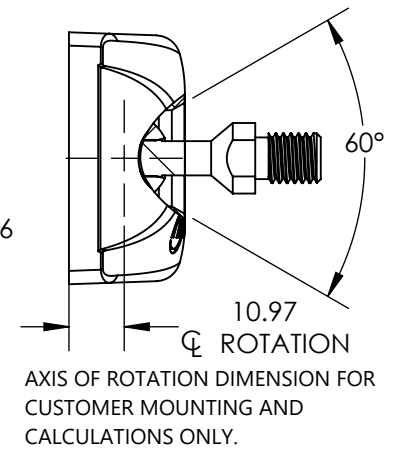
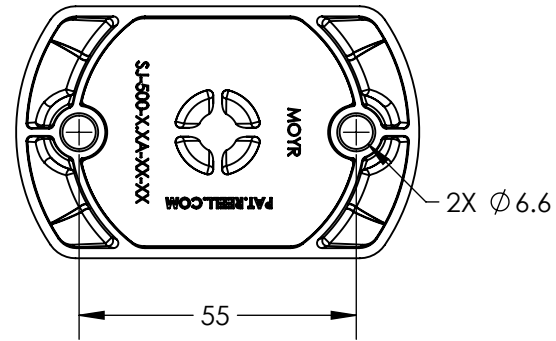
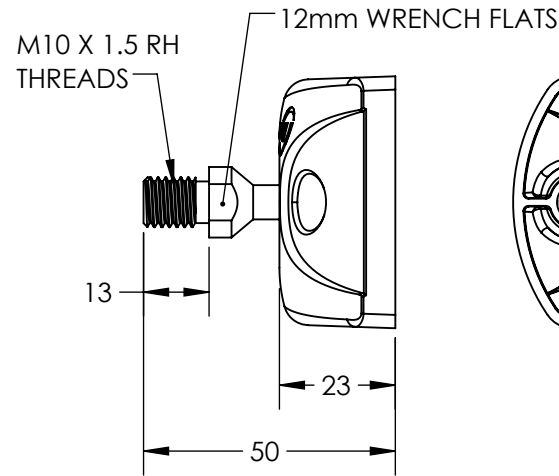
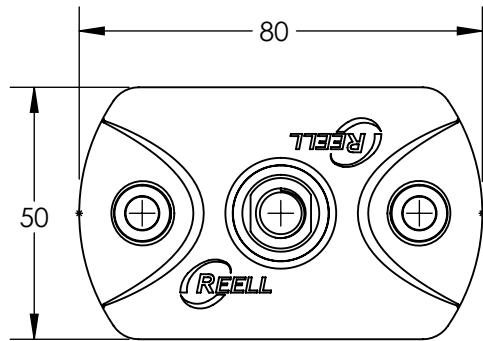
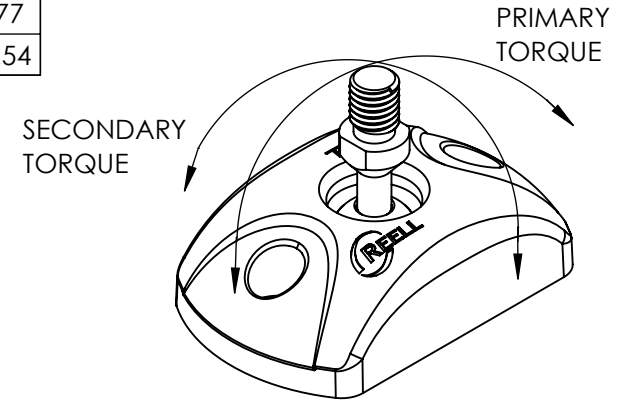
	ECO NO: 05462	PART LIFECYCLE: RELEASED			
	APPROVED BY: MATT GRAMSE	DEVELOPMENT CYCLE: PRODUCTION			
	APPROVED DATE: 10OCT22	<p style="text-align: center; font-size: 24pt; font-weight: bold;">SALES DRAWING</p>			
	PROJECT NO: 100742				
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER: MATT GRAMSE	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">PART NO: SJ-500</td> <td style="width: 40%;">REV: A</td> </tr> </table>		PART NO: SJ-500	REV: A
PART NO: SJ-500	REV: A				
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	THIRD ANGLE PROJECTION 				
INTERPRET PRINT PER ASME Y14.5M-2009	DIMENSIONS: mm	SCALE: 1:1	DO NOT SCALE DRAWING	SHEET 1 OF 2	

SPECIFICATION SUBJECT TO CHANGE

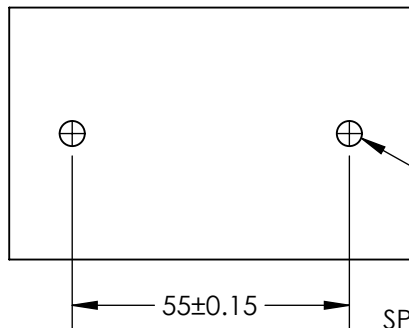
CATALOG NUMBER	DYNAMIC TORQUE					
	PRIMARY TORQUE		SECONDARY TORQUE		ROTATIONAL TORQUE	
	Nm	[LB-IN]	Nm	[LB-IN]	Nm	[LB-IN]
SJ-500-4.0A-01-01	4.0 ± 1.2	35.4 ± 10.62	2.8 ± 0.84	24.8 ± 7.43	5.2 ± 1.56	46.0 ± 13.8
SJ-500-6.0A-01-01	6.0 ± 1.8	53.1 ± 15.93	3.9 ± 1.17	34.5 ± 10.36	8.2 ± 2.46	72.58 ± 21.77
SJ-500-8.0A-01-01	8.0 ± 2.4	70.8 ± 21.24	5.6 ± 1.68	49.6 ± 14.87	11.5 ± 3.45	101.78 ± 30.54

PRODUCT TORQUE SPECIFICATION AT +20°C.

SJ - 500 - X.XA - 01 - 01



CUSTOMER MOUNTING CONFIGURATION



SPECIFICATION SUBJECT TO CHANGE

**ALL DIMENSIONS REFERENCE
SEE CAD MODEL FOR UNSPECIFIED FEATURES**

	ECO NO: 05462	PART LIFECYCLE: RELEASED
	APPROVED BY: MATT GRAMSE	DEVELOPMENT CYCLE: PRODUCTION
	APPROVED DATE: 10OCT22	DESCRIPTION:
	PROJECT NO: 100742	SALES DRAWING
ENGINEER: MATT GRAMSE		
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	DRAWN BY: MATT GRAMSE	PART NO: SJ-500
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	THIRD ANGLE PROJECTION 	REV: A
INTERPRET PRINT PER ASME Y14.5M-2009	DIMENSIONS: mm	SCALE: 1:1 DO NOT SCALE DRAWING