

NAME: MH - 13 - X.X

TORQUE Nm

1.0

2.0

3.0

NOTES:

1. DYNAMIC TORQUE AND PART NUMBERS SEE PAGE 2.
2. LIFE: 25,000 CYCLES.
ONE CYCLE = 180° OPEN/180° CLOSED.
FIVE (5) CYCLES PER MINUTE MAX.
3. MATERIAL:
CENTER BRACKET: ENGINEERED PLASTIC
OUTER BRACKET: ENGINEERED PLASTIC
SHAFT: HARDENED STEEL
TORQUE ELEMENT: HARDENED STEEL
4. DESIGNED TO ACCEPT M5 BUTTON HEAD SCREW OR EQUIVALENT.
5. BRACKETS TO BE ORIENTED $\pm 5^\circ$ WITH RESPECT TO EACH OTHER AS SHOWN.
6. TOTAL TRAVEL 270°.
7. STATIC TORQUE IS NORMALLY WITHIN 10% OF DYNAMIC TORQUE.
8. TOP SURFACE TEXTURED.
9. MATING ASSEMBLIES SHOULD BE DESIGNED TO ALLOW 0.5 mm CLEARANCE AROUND ENTIRE HINGE.
10. USER MUST DETERMINE FITNESS FOR USE IN APPLICATION.



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SPECIFICATION SUBJECT TO CHANGE



REELL PRECISION MANUFACTURING
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SAINT PAUL, MINNESOTA 55110-5103, USA

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ECO NO: 01723

APPROVED BY: CONNOR DEVINE

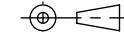
APPROVED DATE: 08JAN20

PROJECT NO: 101213

ENGINEER: CONNOR DEVINE

DRAWN BY: CONNOR DEVINE

THIRD ANGLE PROJECTION



DIMENSIONS: mm

PART LIFECYCLE: RELEASED

DEVELOPMENT CYCLE: PRODUCTION

DESCRIPTION:

**MOLDED HINGE
ASSEMBLY**

PART NO: **MH13 SERIES**

REV: **A**

SCALE: 1:1

DO NOT SCALE DRAWING

SHEET 1 OF 2

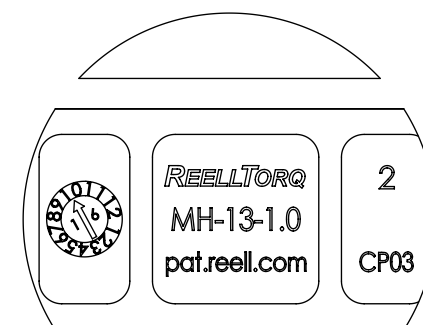
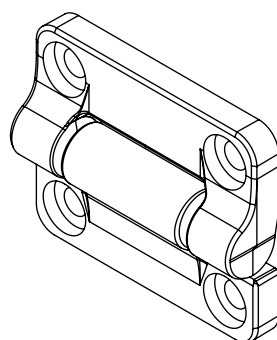
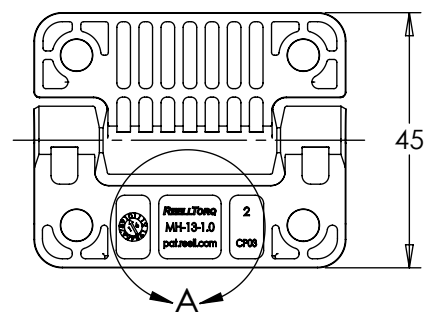
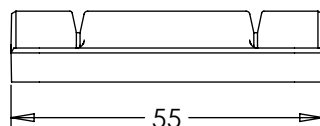
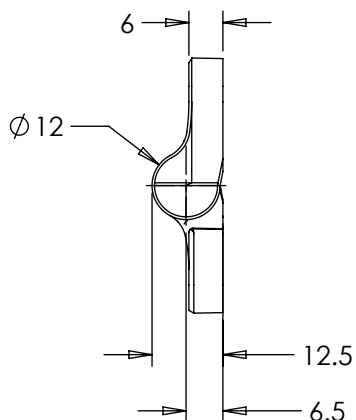
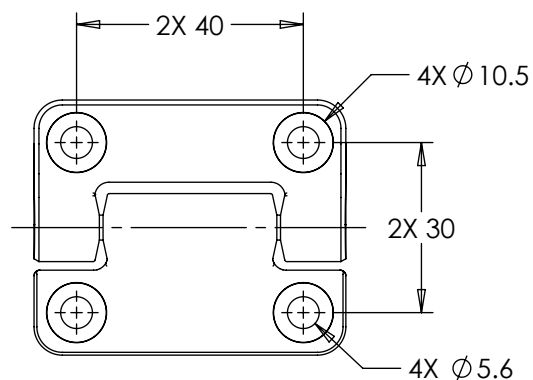
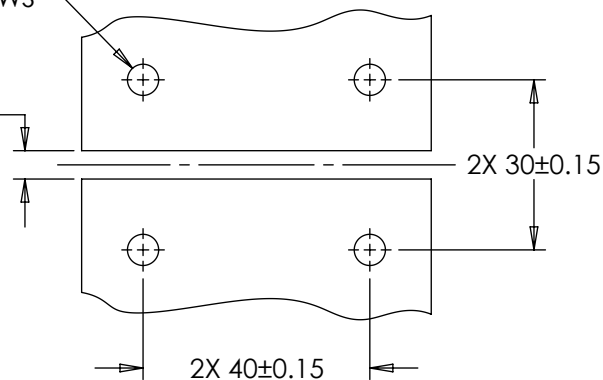
CATALOG NUMBER	DYNAMIC TORQUE
MH-13-1.0	1.0 ± 0.3 Nm
MH-13-2.0	2.0 ± 0.4 Nm
MH-13-3.0	3.0 ± 0.6 Nm

ALL HINGE DIMENSIONS REFERENCE
SEE CAD MODEL FOR
UNSPECIFIED FEATURES

CUSTOMER MOUNTING CONFIGURATION

FOR M5 SCREWS

DETERMINE MINIMUM
DISTANCE BASED ON PLATE
THICKNESS AND DESIRED
ANGLE OF ROTATION



DETAIL A
SCALE 2 : 1

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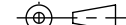
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DIMENSIONS: mm

PART LIFECYCLE: RELEASED

DEVELOPMENT CYCLE: PRODUCTION

DESCRIPTION:

**MOLDED HINGE
ASSEMBLY**

PART NO: **MH13 SERIES**

REV: **A**

SCALE: 3:4

DO NOT SCALE DRAWING

SHEET 2 OF 2