

CATALOG CODE MH-18-X.X-X

TORQUE Nm

4.0
6.0
8.0

DIRECTION

F - ONE WAY FORWARD
R - ONE WAY REVERSE

NOTES:

1. DYNAMIC TORQUE AND PART NUMBERS SEE PAGE 2.
2. LIFE: 20,000 CYCLES.
ONE CYCLE = 90° OPEN/90° CLOSED.
FIVE(5) CYCLES PER MINUTE MAX.
3. MATERIAL:
CENTER BRACKET: ENGINEERED PLASTIC
OUTER BRACKET: ENGINEERED PLASTIC
SHAFT: HARDENED STEEL
TORQUE ELEMENT: HARDENED STEEL
BEARINGS: HARDENED STEEL
BEARING CAPS: DIE CAST ZINC
4. DESIGNED TO ACCEPT M6 OR 1/4" BUTTON HEAD SCREW OR EQUIVALENT.
- [5] BRACKETS TO BE ORIENTED $\pm 10^\circ$ WITH RESPECT TO EACH OTHER AS SHOWN.
6. TOTAL TRAVEL 270°.
7. STATIC TORQUE IS NORMALLY WITHIN 10% OF DYNAMIC TORQUE.
- [8] DIRECTION DETERMINED WITH CENTER BRACKET FIXED AND OUTER BRACKET ROTATED AS SHOWN.
9. USER MUST DETERMINE FITNESS FOR USE IN APPLICATION.
- [10] HINGE SHIPPED WITH PLASTIC CLIP INSTALLED TO PREVENT ROTATION IN LOW TORQUE DIRECTION.

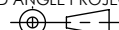



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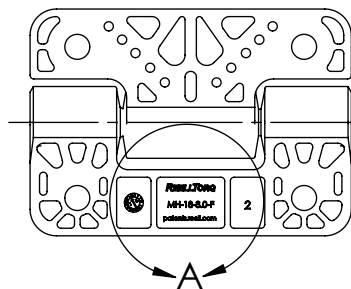
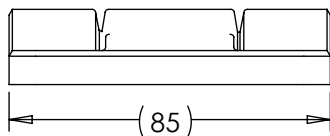
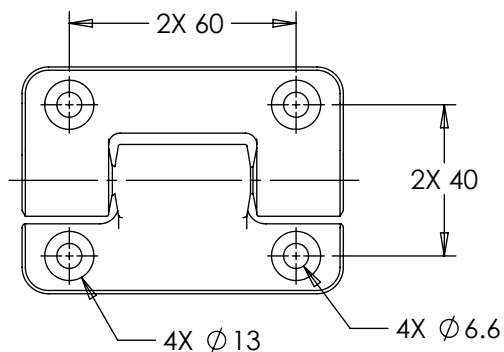
THIRD ANGLE PROJECTION



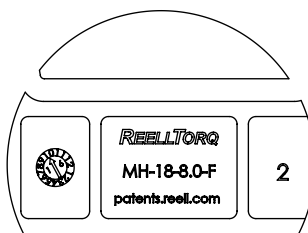
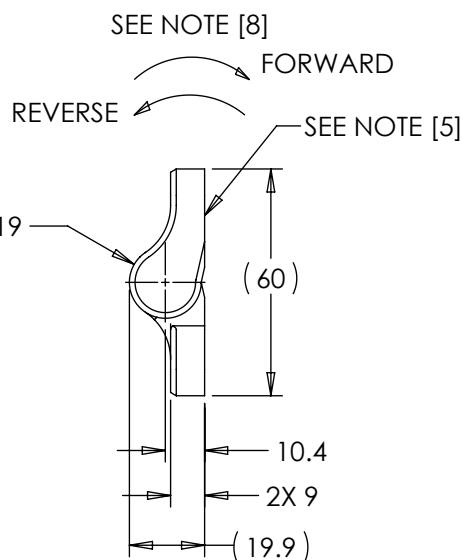
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DRAWN:	MPG	DATE: 11FEB16	REFERENCE: TITLE: SALES DRAWING		
CHECKED:	MPG	DATE: 21JUN16			
APPROVED:	MPG	DATE: 21JUN16			
REVISED:	30APR20	DIMS: mm			
 REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA			PART NO: MH-18		REV: D
			SCALE: 1:2	DO NOT SCALE DRAWING	SHEET 1 OF 2

SPECIFICATIONS SUBJECT TO CHANGE

CATALOG CODE	DIRECTION	DYNAMIC TORQUE Nm	
		FORWARD	REVERSE
MH-18-4.0-F	ONE-WAY FORWARD	4 ± 1.0	1.8 MAX
MH-18-6.0-F	ONE-WAY FORWARD	6 ± 1.2	1.8 MAX
MH-18-8.0-F	ONE-WAY FORWARD	8 ± 1.6	1.8 MAX
MH-18-4.0-R	ONE-WAY REVERSE	1.8 MAX	4 ± 1.0
MH-18-6.0-R	ONE-WAY REVERSE	1.8 MAX	6 ± 1.2
MH-18-8.0-R	ONE-WAY REVERSE	1.8 MAX	8 ± 1.6



SPECIFICATION SUBJECT TO CHANGE

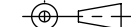


DETAIL A
SCALE 1 : 1

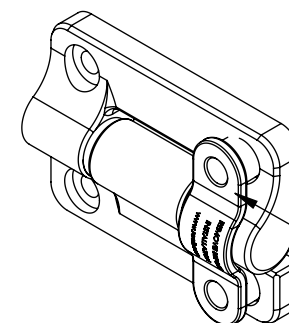
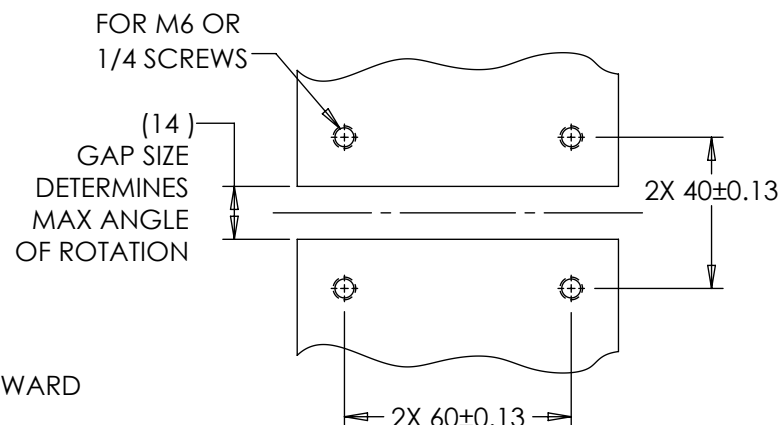
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THIRD ANGLE PROJECTION



CUSTOMER MOUNTING CONFIGURATION



SEE NOTE [10]

NOTE: MOUNT OPEN HOLES WITH
SNUG FIT BEFORE REMOVING THE
PLASTIC CLIP.

ALL DIMENSIONS REFERENCE
SEE CAD MODEL FOR UNSPECIFIED FEATURES.

LEVEL	DESCRIPTION		DRAWN	DATE	APPROVED
DRAWN:	MPG	DATE:	11FEB16	REFERENCE: TITLE: SALES DRAWING	
CHECKED:	MPG	DATE:	21JUN16		
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			MH-18		D
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA			SCALE: 1:2	DO NOT SCALE DRAWING	SHEET 2 OF 2