

# CATALOG CODE

## MH-18-X.X-X

TORQUE Nm
4.0
6.0
8.0

DIRECTION
F - ONE WAY FORWARD
R - ONE WAY REVERSE

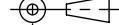
NOTES:

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 ±10° 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.

SPECIFICATIONS SUBJECT TO CHANGE

INTERPRET PRINT PER ASME Y14.5M-1994  
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THIRD ANGLE PROJECTION

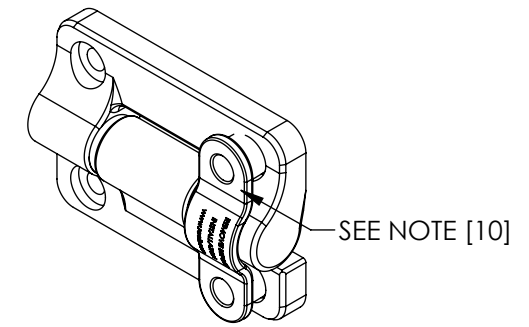
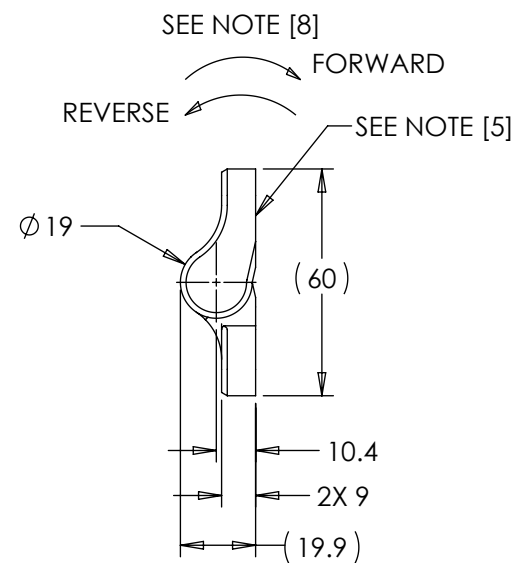
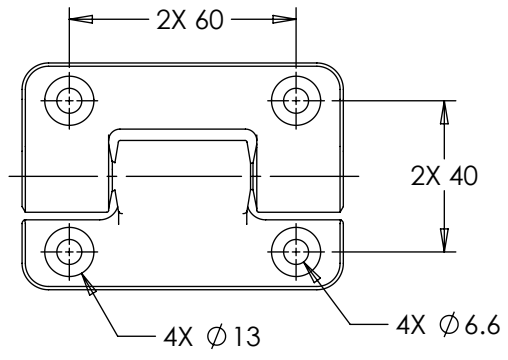
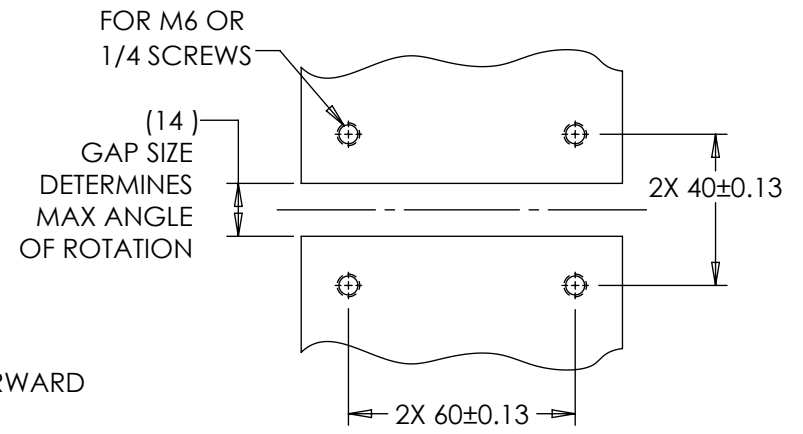


LEVEL	DESCRIPTION	DRAWN	DATE	APPROVED
DRAWN: MPG	DATE: 11FEB16	REFERENCE:		
CHECKED: MPG	DATE: 21JUN16	TITLE:		
APPROVED: MPG	DATE: 21JUN16	SALES DRAWING		
REVISED: 30APR20	DIMS: mm			
		PART NO: MH-18		REV: D
		SCALE: 1:2	DO NOT SCALE DRAWING	SHEET 1 OF 2

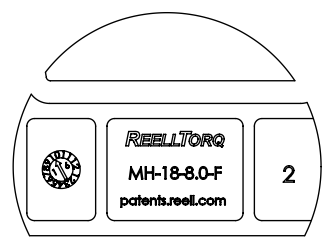
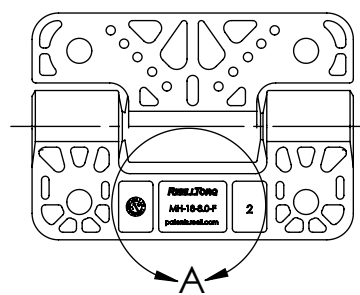
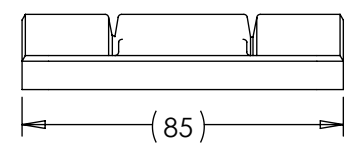
REELL PRECISION MANUFACTURING  
1259 WILLOW LAKE BOULEVARD  
SAINT PAUL, MINNESOTA 55110-5103, USA

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

CUSTOMER MOUNTING CONFIGURATION



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



DETAIL A  
SCALE 1 : 1

ALL DIMENSIONS REFERENCE  
SEE CAD MODEL FOR UNSPECIFIED FEATURES.

LEVEL	DESCRIPTION	DRAWN	DATE	APPROVED
DRAWN:	MPG	DATE:	11FEB16	REFERENCE:
CHECKED:	MPG	DATE:	21JUN16	TITLE:
APPROVED:	MPG	DATE:	21JUN16	
REVISED:	30APR20	DIMS:	mm	SALES DRAWING
				MH-18
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA				D
SCALE: 1:2		DO NOT SCALE DRAWING		SHEET 2 OF 2

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THIRD ANGLE PROJECTION

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