

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:

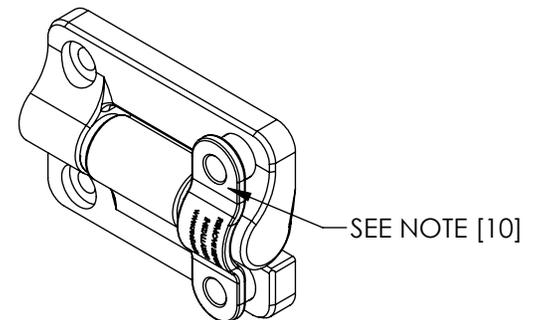
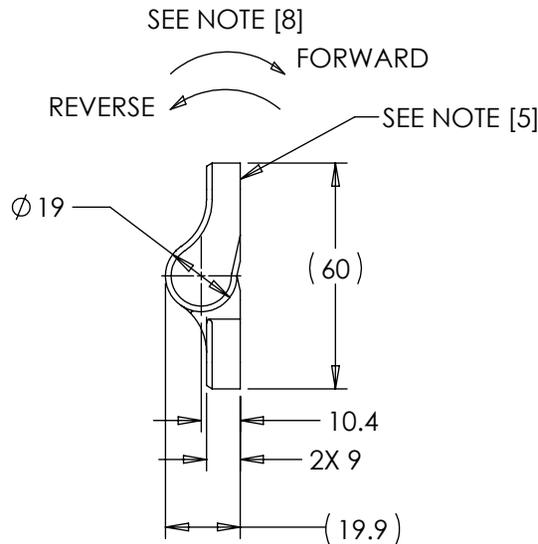
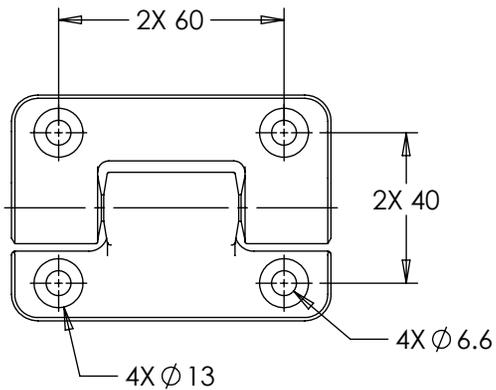
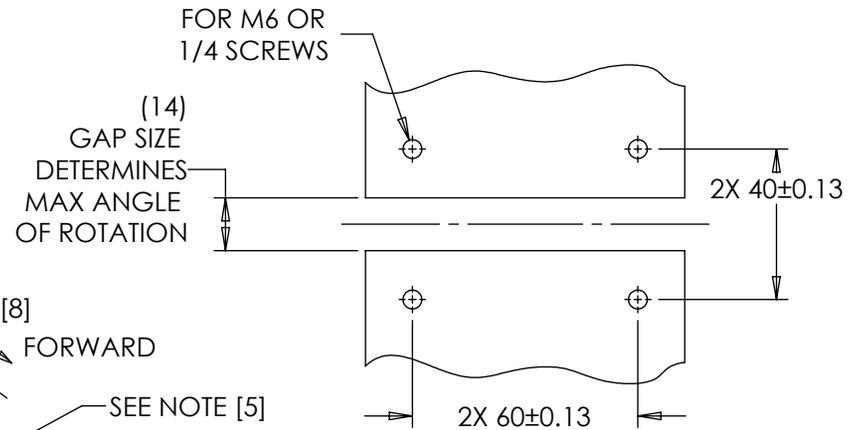
1. DYNAMIC TORQUE AND PART NUMBERS SEE PAGE 2.
2. LIFE: 20,000 CYCLES.
ONE CYCLE = 90° OPEN/90° CLOSED.
FIVE(5) CYCLES PER MINUTE MAX.
3. MATERIAL:
CENTER BRACKET: ENGINEERED PLASTIC
OUTER BRACKET: ENGINEERED PLASTIC
SHAFT: HARDENED STEEL
TORQUE ELEMENT: HARDENED STEEL
BEARINGS: HARDENED STEEL
BEARING 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

	ECO NO: 04302	PART LIFECYCLE: RELEASED		
	APPROVED BY: NOAH RYAN	DEVELOPMENT CYCLE: PRODUCTION		
	APPROVED DATE: 06DEC21	<p style="text-align: center; font-size: 24pt; font-weight: bold;">SALES DRAWING</p>		
	PROJECT NO: 0			
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER:	PART NO: MH-18		
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	DRAWN BY: NOAH RYAN	REV: D		
INTERPRET PRINT PER ASME Y14.5M-2009	THIRD ANGLE PROJECTION 	DIMENSIONS: mm	SCALE: 1:2 DO NOT SCALE DRAWING	SHEET 1 OF 2

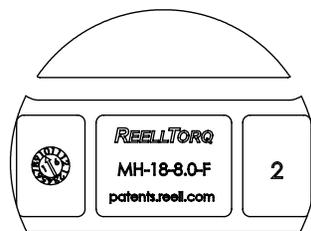
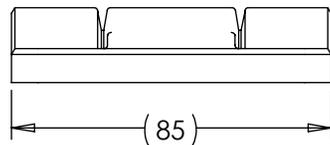
CATALOG CODE	DIRECTION	DYNAMIC TORQUE Nm	
		FORWARD	REVERSE
MH-18-4.0-F	ONE-WAY FORWARD	4 ± 1.0	1.8 MAX
MH-18-6.0-F	ONE-WAY FORWARD	6 ± 1.2	1.8 MAX
MH-18-8.0-F	ONE-WAY FORWARD	8 ± 1.6	1.8 MAX
MH-18-4.0-R	ONE-WAY REVERSE	1.8 MAX	4 ± 1.0
MH-18-6.0-R	ONE-WAY REVERSE	1.8 MAX	6 ± 1.2
MH-18-8.0-R	ONE-WAY REVERSE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

CUSTOMER MOUNTING CONFIGURATION

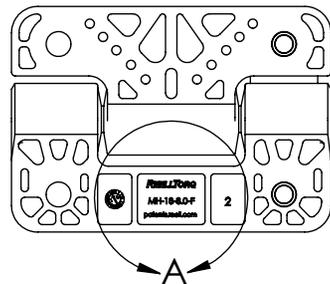


NOTE: MOUNT OPEN HOLES WITH SNUG FIT BEFORE REMOVING THE PLASTIC CLIP.

ALL DIMENSIONS REFERENCE SEE CAD MODEL FOR UNSPECIFIED FEATURES.



DETAIL A
SCALE 1 : 1



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	ECO NO: 04302	PART LIFECYCLE: RELEASED
	APPROVED BY: NOAH RYAN	DEVELOPMENT CYCLE: PRODUCTION
	APPROVED DATE: 06DEC21	DESCRIPTION:
	PROJECT NO: 0	SALES DRAWING
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER:	PART NO: MH-18
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INTERPRET PRINT PER ASME Y14.5M-2009	THIRD ANGLE PROJECTION 	SCALE: 1:2
	DIMENSIONS: mm	DO NOT SCALE DRAWING
		SHEET 2 OF 2