



NOTES:

1. USER MUST DETERMINE FITNESS FOR USE IN APPLICATION.
2. LIFE: 20,000 CYCLES.
ONE CYCLE = 90° OPEN/90° CLOSED.
FIVE(5) CYCLES PER MINUTE MAX.
3. MATERIAL:
BRACKET AND SHAFT END ARE ENGINEERED PLASTIC
SHAFT AND TORQUE ELEMENT ARE HARDENED STEEL
TORQUE INSERT HOUSING AND BUSHINGS ARE ZINC (DIFFERENTIAL TORQUE VERSIONS ONLY).
- [4] DESIGNED TO ACCEPT M6 OR 1/4" BUTTON HEAD SCREW OR EQUIVALENT.
- [5] BRACKETS TO BE ORIENTED ±5° WITH RESPECT TO EACH OTHER AS SHOWN.
6. TOTAL TRAVEL IS 270°.
7. STATIC TORQUE IS NORMALLY WITHIN 10% OF DYNAMIC TORQUE.

CATALOG CODE

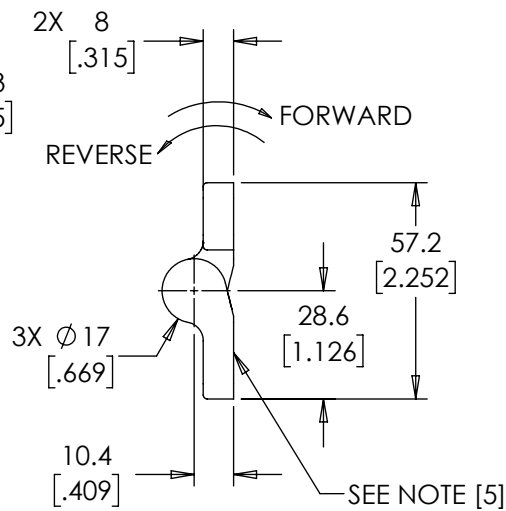
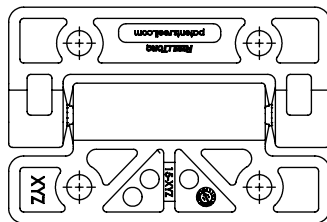
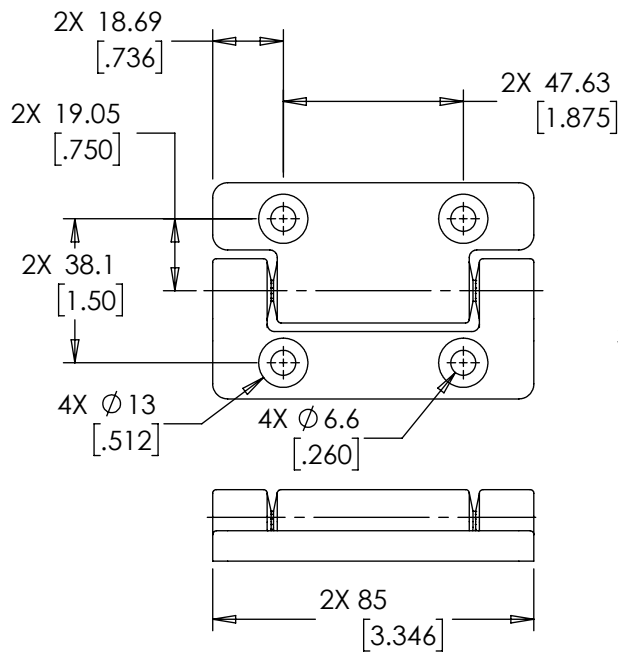
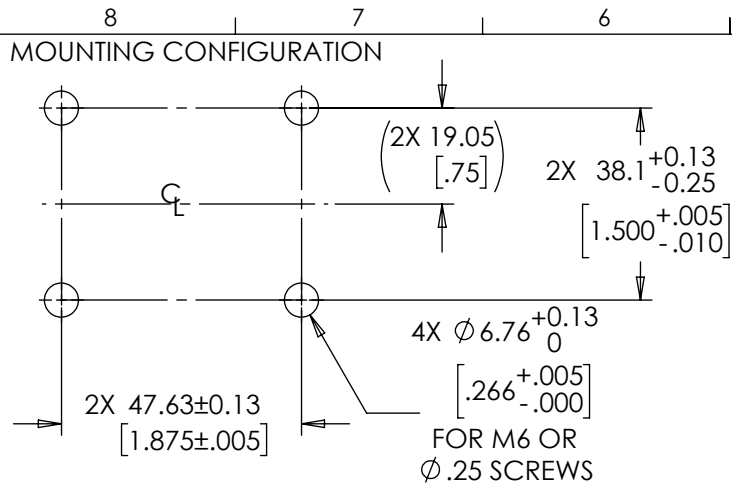
MH-15-X.X-X

TORQUE Nm
2.0
3.0
4.0
5.0
6.0
7.0
8.0

DIRECTION
F - FORWARD
R - REVERSE
S - SYMMETRIC

	ECO NO: 04593	PART LIFECYCLE: RELEASED		
	APPROVED BY: DERICK OFFOR	DEVELOPMENT CYCLE: PRODUCTION		
	APPROVED DATE: 16FEB22	DESCRIPTION: SALES DRAWING		
	PROJECT NO: 0			
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER: TIM JENUM	PART NO: MH-15		
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	DRAWN BY: DERICK OFFOR			REV: H
INTERPRET PRINT PER ASME Y14.5M-2009	THIRD ANGLE PROJECTION 	DIMENSIONS: mm	SCALE: 1:1 DO NOT SCALE DRAWING	SHEET 1 OF 2

SPECIFICATIONS SUBJECT TO CHANGE



DIFFERENTIAL TORQUE

CATALOG CODE	DIRECTION	DYNAMIC TORQUE			
		FORWARD		REVERSE	
		Nm	LB-IN	Nm	LB-IN
MH-15-2.0-F	FORWARD	2 ± 0.7	17.7 ± 6.2	1.25 ± 0.56	11.1 ± 5.0
MH-15-3.0-F	FORWARD	3 ± 0.9	26.5 ± 8.1	1.88 ± 0.75	16.6 ± 6.7
MH-15-4.0-F	FORWARD	4 ± 0.8	35.4 ± 7.1	2.50 ± 0.75	22.1 ± 6.7
MH-15-5.0-F	FORWARD	5 ± 1.0	44.3 ± 8.9	3.13 ± 0.94	27.7 ± 8.4
MH-15-6.0-F	FORWARD	6 ± 1.2	53.1 ± 10.7	3.75 ± 1.13	33.2 ± 10.1
MH-15-7.0-F	FORWARD	7 ± 1.4	62.0 ± 12.5	4.38 ± 1.31	38.7 ± 11.7
MH-15-8.0-F	FORWARD	8 ± 1.6	70.8 ± 14.2	5.00 ± 1.50	44.3 ± 13.4
MH-15-2.0-R	REVERSE	1.25 ± 0.56	11.1 ± 5.0	2 ± 0.7	17.7 ± 6.2
MH-15-3.0-R	REVERSE	1.88 ± 0.75	16.6 ± 6.7	3 ± 0.9	26.5 ± 8.1
MH-15-4.0-R	REVERSE	2.50 ± 0.75	22.1 ± 6.7	4 ± 0.8	35.4 ± 7.1
MH-15-5.0-R	REVERSE	3.13 ± 0.94	27.7 ± 8.4	5 ± 1.0	44.3 ± 8.9
MH-15-6.0-R	REVERSE	3.75 ± 1.13	33.2 ± 10.1	6 ± 1.2	53.1 ± 10.7
MH-15-7.0-R	REVERSE	4.38 ± 1.31	38.7 ± 11.7	7 ± 1.4	62.0 ± 12.5
MH-15-8.0-R	REVERSE	5.00 ± 1.50	44.3 ± 13.4	8 ± 1.6	70.8 ± 14.2

SYMMETRIC TORQUE

CATALOG CODE	DIRECTION	DYNAMIC TORQUE	
		Nm	LB-IN
MH-15-2.0-S	SYMMETRIC	2 ± 0.7	17.7 ± 6.2
MH-15-3.0-S	SYMMETRIC	3 ± 0.9	26.5 ± 8.1
MH-15-4.0-S	SYMMETRIC	4 ± 0.8	35.4 ± 7.1
MH-15-5.0-S	SYMMETRIC	5 ± 1.0	44.3 ± 8.9
MH-15-6.0-S	SYMMETRIC	6 ± 1.2	53.1 ± 10.7
MH-15-7.0-S	SYMMETRIC	7 ± 1.4	62.0 ± 12.5
MH-15-8.0-S	SYMMETRIC	8 ± 1.6	70.8 ± 14.2

ALL DIMENSIONS REFERENCE
SEE CAD MODEL FOR UNSPECIFIED FEATURES.

SPECIFICATIONS SUBJECT TO CHANGE

	ECO NO: 04593	PART LIFECYCLE: RELEASED
	APPROVED BY: DERICK OFFOR	DEVELOPMENT CYCLE: PRODUCTION
	APPROVED DATE: 16FEB22	DESCRIPTION:
	PROJECT NO: 0	SALES DRAWING
ENGINEER: TIM JENUM		
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	DRAWN BY: DERICK OFFOR	PART NO: MH-15
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	THIRD ANGLE PROJECTION 	REV: H
INTERPRET PRINT PER ASME Y14.5M-2009	DIMENSIONS: mm	SCALE: 1:2 DO NOT SCALE DRAWING SHEET 2 OF 2