

PART NUMBER	DYNAMIC TORQUE		
	NOMINAL	TOLERANCE	
	Nm	Lb-In	+/- %
14-114	1.4	12.4	35
14-118	1.8	15.9	30
14-122	2.2	19.5	25
14-126	2.6	23.0	20
14-130	3.0	26.6	20
14-134	3.4	30.1	20
14-138	3.8	33.6	20
14-142	4.2	37.2	20
14-146	4.6	40.7	20
14-150	5.0	44.3	20
14-154	5.4	47.8	20
14-158	5.8	51.3	20

- NOTES:
1. USER MUST DETERMINE FITNESS FOR USE IN APPLICATION.
 2. LIFE: 20,000 CYCLES.
ONE CYCLE = 120° OPEN/120° CLOSED.
FIVE(5) CYCLES PER MINUTE MAX.
 3. MATERIAL:
BRACKET AND SHAFT END ARE ENGINEERED PLASTIC
SHAFT AND TORQUE ELEMENT ARE HARDENED STEEL
 - 4] DESIGNED TO ACCEPT M6 BUTTON HEAD SCREW OR EQUIVALENT.
 - 5] BRACKET TO BE ORIENTED ±5° WITH RESPECT TO DATUM A AS SHOWN.
 6. TOTAL TRAVEL 270°.
 7. STATIC TORQUE IS NORMALLY WITHIN 10% OF DYNAMIC TORQUE.
 8. TOP SURFACE TEXTURED.

ALL HINGE DIMENSIONS REFERENCE
SEE CAD MODEL FOR
UNSPECIFIED FEATURES

PART NUMBER
EXAMPLE: 14-1XY
IS 14-114

DETAIL A
SCALE 1.5:1

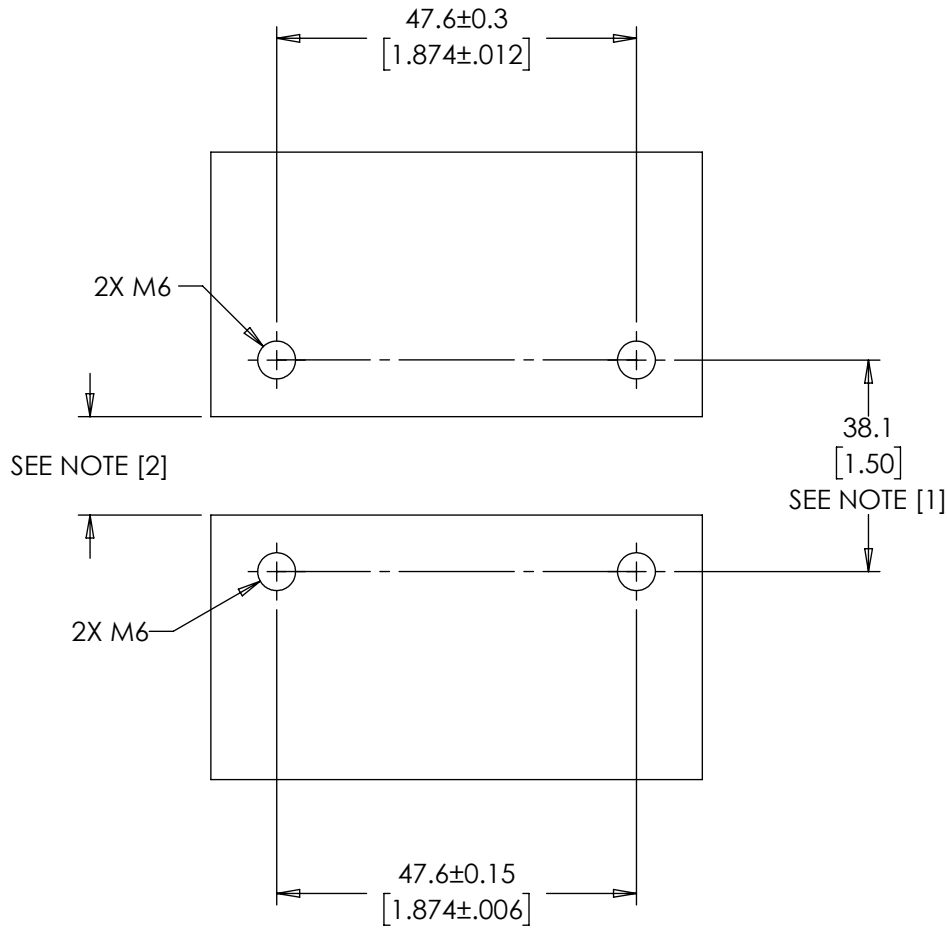
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THIRD ANGLE PROJECTION

LEVEL	DESCRIPTION	DRAWN	DATE	APPROVED
DRAWN:	DJB	DATE:	4-25-01	REFERENCE: 14-1XX TITLE: MOLDED HINGE ASSEMBLY PART NO: MH14 SERIES REV: M
CHECKED:	GDL	DATE:	6-6-02	
APPROVED:	GDL	DATE:	6-6-02	
REVISED:	5-8-18	DIMS:	mm[IN]	
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA		SCALE: 0.75:1 DO NOT SCALE DRAWING SHEET 1 OF 2		

SPECIFICATION SUBJECT TO CHANGE

CUSTOMER MOUNTING CONFIGURATION:



NOTES:

- [1] USER WITH CRITICAL MOUNTING INTERFACES (I.E. LATCHES) SHOULD ALIGN PLATES TO ± 0.1 [.004].
- [2] USER TO DETERMINE MINIMUM DISTANCE BASED ON MOUNTING PLATE THICKNESS AND DESIRED ANGLE OF ROTATION.
- 3. MATING ASSEMBLIES SHOULD BE DESIGNED TO ALLOW 0.5 [.020] NOMINAL CLEARANCE AROUND ENTIRE ASSEMBLY.

LEVEL	ECO - DESCRIPTION		DRAWN	DATE	APPROVED
DRAWN:	DJB	DATE: 4-25-01	REFERENCE: 14-1XX		
CHECKED:	GDL	DATE: 6-6-02	TITLE: MOLDED HINGE ASSEMBLY		
APPROVED:	GDL	DATE: 6-6-02	PART NO: MH14 SERIES		
REVISED:	5-8-18	DIMS: mm[IN]	REV: M		
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		SCALE: 1:1	DO NOT SCALE DRAWING		SHEET 2 OF 2