



SPECIFICATION SUBJECT TO CHANGE

PART NUMBER	SYMMETRICAL TORQUE		
	DYNAMIC		
	Nm	Lb-in	+/-
15-200	2	17.7	35%
15-201	3	26.5	30%
15-202	4	35.4	20%
15-203	5	44.3	20%
15-204	6	53.1	20%
15-205	7	62.0	20%
15-206	8	70.8	20%

PART NUMBER	DIFFERENTIAL TORQUE					
	DYNAMIC TORQUE					
	FORWARD			REVERSE		
	Nm	Lb-in	+/-	Nm	Lb-in	+/-
15-300	2	17.7	35%	1.25	11.1	45%
15-301	3	26.5	30%	1.88	16.6	40%
15-302	4	35.4	20%	2.50	22.1	30%
15-303	5	44.3	20%	3.13	27.7	30%
15-304	6	53.1	20%	3.75	33.2	30%
15-305	7	62.0	20%	4.38	38.7	30%
15-306	8	70.8	20%	5.00	44.3	30%
15-400	1.25	11.1	45%	2.00	17.7	35%
15-401	1.88	16.6	40%	3.00	26.5	30%
15-402	2.50	22.1	30%	4.00	35.4	20%
15-403	3.13	27.7	30%	5.00	44.3	20%
15-404	3.75	33.2	30%	6.00	53.1	20%
15-405	4.38	38.7	30%	7.00	62.0	20%
15-406	5.00	44.3	30%	8.00	70.8	20%

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
- [4] DESIGNED TO ACCEPT M6 OR 1/4" BUTTON HEAD SCREW OR EQUIVALENT.
- [5] BRACKET TO BE ORIENTED ±5° WITH RESPECT TO DATUM A AS SHOWN.
6. TOTAL TRAVEL IS 270°.
7. STATIC TORQUE IS NORMALLY WITHIN 10% OF DYNAMIC TORQUE.

LEVEL	DESCRIPTION	DRAWN	DATE	APPROVED
DRAWN:	JDR	DATE:	20SEP10	REFERENCE: 15-XXX TITLE: MH15 MOLDED HINGE PART NO: MH15 SERIES REV: E
CHECKED:	TWJ	DATE:	16DEC10	
APPROVED:	TWJ	DATE:	16DEC10	
REVISED:	11APR18	DIMS:	mm[IN]	
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA		SCALE: 2:3 DO NOT SCALE DRAWING SHEET 1 OF 1		

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

