

NOTES:

1. DYNAMIC TORQUE SEE PAGE 2.
2. LIFE: 20,000 CYCLES WHEN DUTY CYCLE IS LESS THAN 10% AND ROTATIONAL SPEED IS LESS THAN 100 RPM. 10 SECONDS MAXIMUM CONTINUOUS ACTUATION.
3. USER MUST DETERMINE FITNESS FOR USE IN APPLICATION.
4. DESIGNED TO ACCEPT 1/4" OR M6 SCREW OR EQUIVALENT.
- [5] HINGE MARKED WITH TORQUE (LB-IN), DIRECTION AND DDMMYYYY.
EXAMPLE: 050 F 26JUL2012
- [6] HIGH TORQUE DIRECTION DETERMINED WITH CENTER BRACKET FIXED AND END BRACKETS ROTATED AS SHOWN.
7. MATERIAL SUMMARY:
BRACKETS: ZINC DIECAST
SHAFT: HARDENED STEEL
TORQUE ELEMENT: HARDENED STEEL
BEARINGS: HARDENED STEEL
8. MAX HINGE ROTATION: 270°.
9. SHIP ANGLE 0° ±5° BETWEEN BRACKETS.

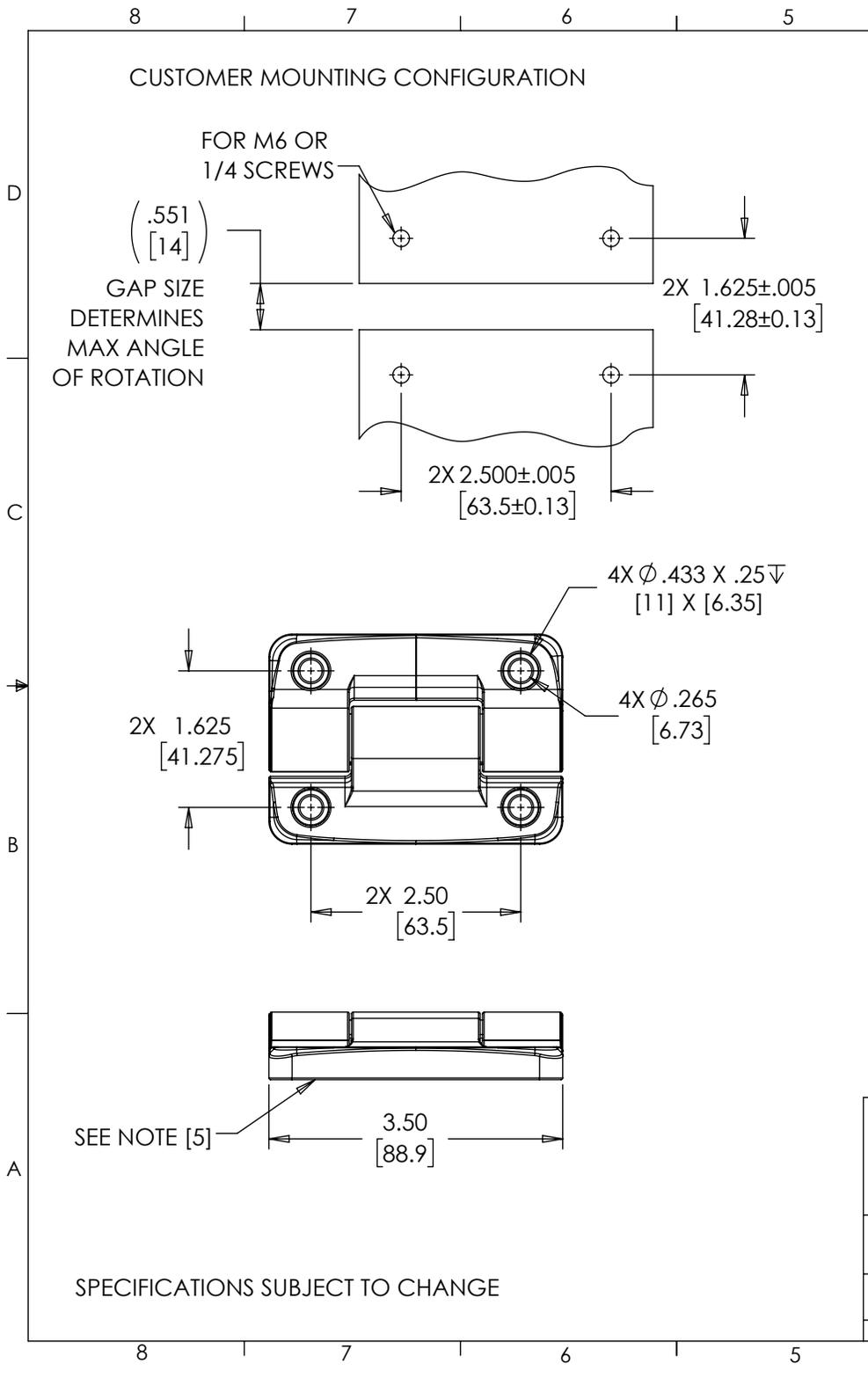
CATALOG CODE PH-35-XXX-X-XX

TORQUE LB-IN
-050
-060
-070
-080
-090
-100

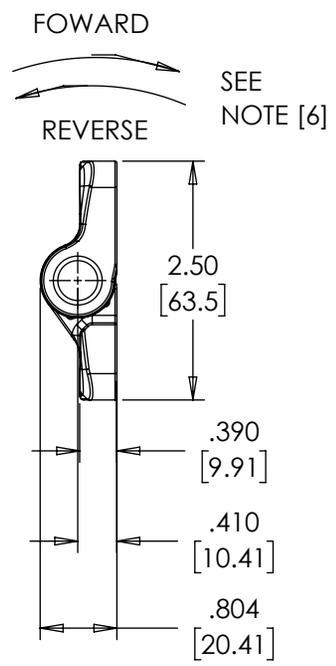
DIRECTION
F - ONE WAY FORWARD
R - ONE WAY REVERSE

COLOR
02 - BLACK

	ECO NO: 05100	PART LIFECYCLE: RELEASED		
	APPROVED BY: BOB WAHLSTEDT	DEVELOPMENT CYCLE: PRODUCTION		
	APPROVED DATE: 06JUN22	DESCRIPTION: SALES DRAWING		
	PROJECT NO: 100515			
REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA	ENGINEER: BOB WAHLSTEDT	PART NO: PH-35		
THIS PRINT IS THE CONFIDENTIAL PROPERTY OF REELL PRECISION MFG.	DRAWN BY: NOAH RYAN			REV: E
INTERPRET PRINT PER ASME Y14.5M-2009	THIRD ANGLE PROJECTION 	SCALE: 1:2	DO NOT SCALE DRAWING	SHEET 1 OF 2



CATALOG CODE	DIRECTION	DYNAMIC TORQUE			
		FORWARD		REVERSE	
		LB-IN	Nm	LB-IN	Nm
PH-35-050-F-02	ONE-WAY FORWARD	50 ± 10	5.65 ± 1.15	10 MAX	1.13 MAX
PH-35-060-F-02	ONE-WAY FORWARD	60 ± 12	6.78 ± 1.42	10 MAX	1.13 MAX
PH-35-070-F-02	ONE-WAY FORWARD	70 ± 14	7.91 ± 1.61	10 MAX	1.13 MAX
PH-35-080-F-02	ONE-WAY FORWARD	80 ± 16	9.04 ± 1.86	10 MAX	1.13 MAX
PH-35-090-F-02	ONE-WAY FORWARD	90 ± 18	10.17 ± 2.13	10 MAX	1.13 MAX
PH-35-100-F-02	ONE-WAY FORWARD	100 ± 20	11.30 ± 2.27	10 MAX	1.13 MAX
PH-35-050-R-02	ONE-WAY REVERSE	10 MAX	1.13 MAX	50 ± 10	5.65 ± 1.15
PH-35-060-R-02	ONE-WAY REVERSE	10 MAX	1.13 MAX	60 ± 12	6.78 ± 1.42
PH-35-070-R-02	ONE-WAY REVERSE	10 MAX	1.13 MAX	70 ± 14	7.91 ± 1.61
PH-35-080-R-02	ONE-WAY REVERSE	10 MAX	1.13 MAX	80 ± 16	9.04 ± 1.86
PH-35-090-R-02	ONE-WAY REVERSE	10 MAX	1.13 MAX	90 ± 18	10.17 ± 2.13
PH-35-100-R-02	ONE-WAY REVERSE	10 MAX	1.13 MAX	100 ± 20	11.30 ± 2.27



ALL DIMENSIONS REFERENCE
SEE CAD MODEL FOR UNSPECIFIED FEATURES.

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	APPROVED DATE: 06JUN22	DESCRIPTION:		
	PROJECT NO: 100515	SALES DRAWING		
ENGINEER: BOB WAHLSTEDT				
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INTERPRET PRINT PER ASME Y14.5M-2009	DIMENSIONS: mm	SCALE: 1:2	DO NOT SCALE DRAWING	SHEET 2 OF 2

REV: E