

# 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 DDMMYY.  
EXAMPLE: 050 F 260712
- [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

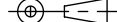



TDS Precision Products GmbH  
Industriestrasse 1a  
CH-8157 Dielsdorf

T + 41 44 885 30 80  
info@tds-pp.com  
www.tds-pp.com

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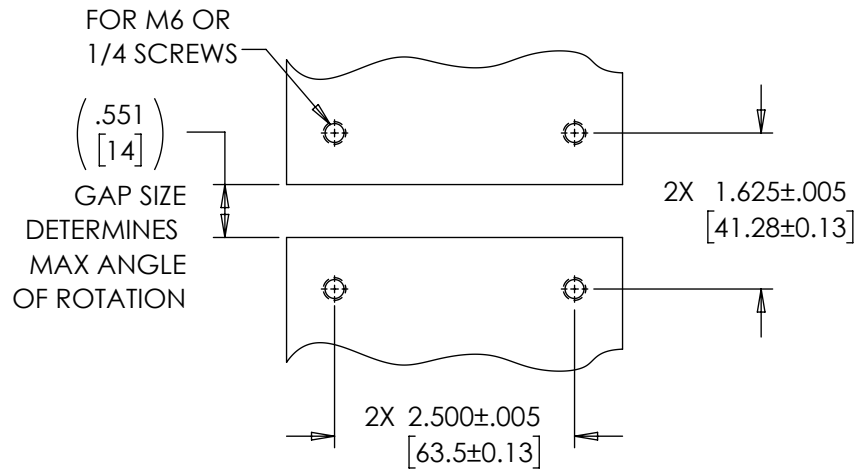
THIRD ANGLE PROJECTION



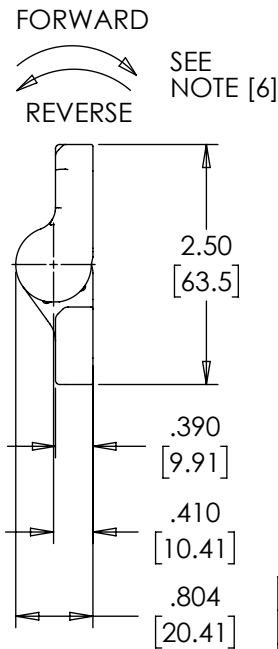
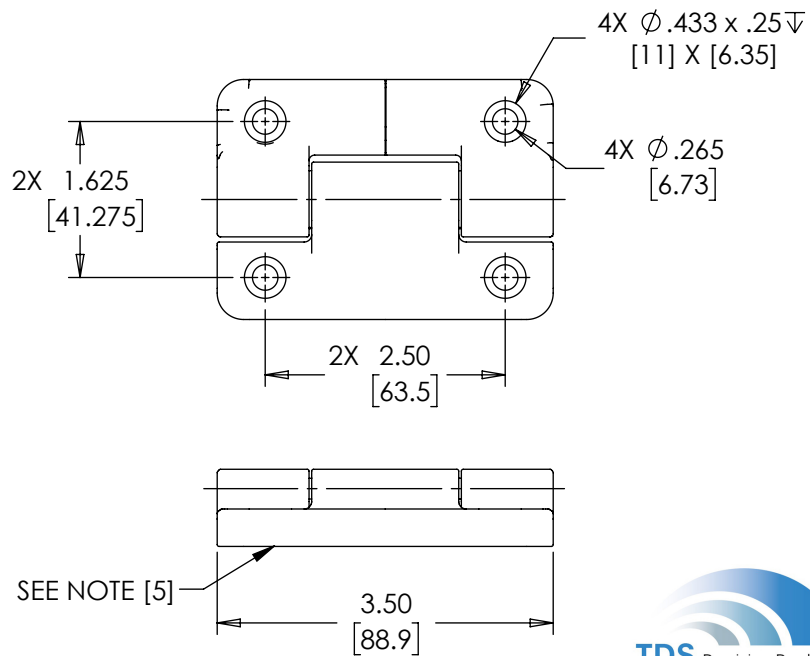
LEVEL	DESCRIPTION		DRAWN	DATE	APPROVED
DRAWN:	HMA	DATE:	11JUN10	REFERENCE:  TITLE:  <b>SALES DRAWING</b>	
CHECKED:	STK	DATE:	01AUG12		
APPROVED:	STK	DATE:	01AUG12		
REVISED:	13MAY20	DIMS:	IN[mm]		
 REELL PRECISION MANUFACTURING 1259 WILLOW LAKE BOULEVARD SAINT PAUL, MINNESOTA 55110-5103, USA			PART NO:		REV:
			PH-35		D
			SCALE: 1:2	DO NOT SCALE DRAWING	SHEET 1 OF 2

SPECIFICATIONS SUBJECT TO CHANGE

# CUSTOMER MOUNTING CONFIGURATION



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.



TDS Precision Products GmbH  
Industriestrasse 1a  
CH-8157 Dielsdorf

T + 41 44 885 30 80  
info@tds-pp.com  
www.tds-pp.com

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THIRD ANGLE PROJECTION



REELL PRECISION MANUFACTURING  
1259 WILLOW LAKE BOULEVARD  
SAINT PAUL, MINNESOTA 55110-5103, USA

LEVEL	DESCRIPTION		DRAWN	DATE	APPROVED
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			PH-35		D
SCALE: 1:2		DO NOT SCALE DRAWING		SHEET 2 OF 2	

SPECIFICATIONS SUBJECT TO CHANGE