


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	RELEASED TO PRODUCTION	05/22/2025	REP

- STANDARD NOTES:
- BREAK ALL SHARP CORNERS AND EDGES.
 - RACEWAY INDUCTION HARDENING CASE DEPTH TO BE NO LESS THAN .118 INCHES AT HRC 55-62.
 - GREASE TO BE STANDARD EP2.
 - SOFT SPOT TO BE MARKED WITH AN "S" ON INNER AND OUTER RING NON-MOUNTING SURFACE INDICATING RACEWAY HARDNESS GAP.
 - CENTERLINE OF GREASE FITTINGS, 2X EQUALLY SPACED, 1/8-27 NPT FITTINGS, PROTRUSION FROM ID (INNER RING) NOT TO BE GREATER THAN .75.
 - PAIN'T THREE TEETH AT HIGH POINT. MAX ECCENTRIC POINT OF THE GEAR TO BE MARKED AS SHOWN (GEAR FACE). LONG STEEL STAMP DASH (.25 LONG) TO BE ON TOP AND BOTTOM OF FIRST AND THIRD TOOTH AS SHOWN.
 - PERMANENTLY MARK INFO, .06 MIN FONT HEIGHT.
- MARKING TO INCLUDE:
- PART NUMBER
 - SERIES NUMBER IN LOT
 - DAY-MONTH-YEAR
- EXAMPLE:
- 30E.0876.35.001
001 (002, 003, ETC)
25-11-2014
8. WEIGHT: 512 lbmass

GEAR DATA			
DEFINITION		VALUE	
PITCH DIAMETER		41.200	
DIAMETRAL PITCH		2.5	
NUMBER OF TEETH		103	
MATERIAL		42CrMo	
HARDNESS (BHN)		250/300	
TOOTH FORM		INVOLUTE STUB	
PRESSURE ANGLE		20°	
INFORMATION CONTAINED HEREIN CONSTITUTES PROPRIETARY CONFIDENTIAL INFORMATION OF POTESTA & COMPANY LLC. AND IS TO BE ACCEPTED ONLY SUBJECT TO THAT UNDERSTANDING. IT IS TO BE KEPT CONFIDENTIAL AND NOT TO BE COPIED, USED, OR CONVEYED TO OTHERS WITHOUT POTESTA & COMPANY'S WRITTEN AUTHORIZATION.			
DRAWN	Gregg VanSuch	5/22/2025	ALL DIMENSIONS: in.
CHECKED			 <div>1239 Hudson Gate Dr. Hudson, OH 44236 PH: 330.633.7735 www.SlewPro.com</div>
QA			
MFG			
APPROVED			
SIZE	D	SHEET 1 OF 1	SCALE NOT TO SCALE
TITLE		BEARING ASSY, GEARED, FOUR POINT, SINGLE ROW BALL	
PART NO.		30E.0876.35.001	