


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	RELEASED TO PRODUCTION	01/23/2025	REP

- STANDARD NOTES:
- BREAK ALL SHARP CORNERS AND EDGES.
 - RACEWAY INDUCTION HARDENING CASE DEPTH TO BE NO LESS THAN .118 INCHES AT HRC 55-60.
 - GREASE TO BE STANDARD EP2.
 - SOFT SPOT TO BE MARKED WITH "S".
 - CENTERLINE OF GREASE FITTINGS, 2X EQ SP, 1/8-27 NPT FITTING PROTRUSION FROM ID (INNER RING) NOT TO BE GREATER THAN .75.
 - PAINT 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.
 - STAMP "G" ON TOP OF OUTER RACE INDICATING RACEWAY HARDNESS GAP.
 - PERMANENTLY MARK INFO, .06 MIN FONT HEIGHT.
- MARKING TO INCLUDE:
PART NUMBER
SERIES NUMBER IN LOT
DAY-MONTH-YEAR
- EXAMPLE:
30E.1018.44.001
001 (002, 003, ETC)
25-11-2014
9. WEIGHT: 792 lbmass

GEAR DATA	
DEFINITION	VALUE
PITCH DIAMETER	46.800
DIAMETRAL PITCH	2.5
NUMBER OF TEETH	117
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	1/23/2025	ALL DIMENSIONS: in.	
CHECKED		 1239 Hudson Gate Dr. Hudson, OH 44236 PH: 330.633.7735 www.SlewPro.com	
QA			
MFG			
APPROVED		TITLE	BEARING ASSY, GEARED, FOUR POINT, SINGLE ROW BALL
SIZE D	SHEET 1 OF 1	SCALE NOT TO SCALE	PART NO. 30E.1018.44.001