


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.
 - 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.
 - PERMANENTLY MARK INFO, .06 MIN FONT HEIGHT.
- MARKING TO INCLUDE:
- PART NUMBER
 - SERIES NUMBER IN LOT
 - DAY-MONTH-YEAR
- EXAMPLE:
- 30E.0635.25.001
001 (002, 003, ETC)
25-11-2014
8. WEIGHT: 169 lbmass

GEAR DATA	
DEFINITION	VALUE
PITCH DIAMETER	29.250
DIAMETRAL PITCH	4
NUMBER OF TEETH	117
MATERIAL	42CrMo
HARDNESS (BHN)	250/300
TOOTH FORM	INVOLUTE STUB
PRESSURE ANGLE	20°
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DRAWN Gregg VanSuch	5/22/2025
CHECKED	
QA	
MFG	
APPROVED	
SIZE D	SHEET 1 OF 1
SCALE NOT TO SCALE	
ALL DIMENSIONS: in.	
	
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TITLE	BEARING ASSY, GEARED, FOUR POINT, SINGLE ROW BALL
PART NO.	30E.0635.25.007