


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	RELEASED TO PRODUCTION	09/02/2014	REP
3	FORMAT UPDATE	06/27/2016	
3	TAP THRU WAS 1.25 DEEP ON INNER AND OUTER, REMOVED ONE HOLE FROM INNER RING, ADJUSTED RACEWAY OFFSET DIAMETERS	6/8/2020	GVS
4	MATERIAL: STEEL, 50MnH WAS 42CrMo	5/9/2023	GVS

- 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, 1X 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.0223.20.001
001 (002, 003, ETC)
25-11-2014
9. WEIGHT: 38.3 lbmass
- ADDITIONAL CUSTOMER NOTES:
- NONE.

GEAR DATA	
DEFINITION	VALUE
PITCH DIAMETER	12.00
DIAMETRAL PITCH	5
NUMBER OF TEETH	60
MATERIAL	STEEL, 50MnH
HARDNESS BHN	250/300
TOOTH FORM	5/7 FELLOWS STUB
PRESSURE ANGLE	20.0°

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DRAWN Cole Harvey	6/27/2016	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, SINGLE ROW BALL, FOUR POINT	
SIZE D	SHEET 1 OF 1	SCALE NOT TO SCALE	PART NO. 30E.0223.20.001