



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	RELEASED TO PRODUCTION		
2	FORMAT UPDATE	6/28/2016	

- 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.0343.19.002
001 (002, 003, ETC)
25-11-2014
9. WEIGHT: 59.0 lbmass

GEAR DATA	
DEFINITION	VALUE
PITCH DIAMETER	16.800
DIAMETRAL PITCH	5
NUMBER OF TEETH	84
MATERIAL	STEEL, 42CrMo
HARDNESS BHN	250/300
TOOTH FORM	STUB INVOLUTE
PRESSURE ANGLE	20.0°

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DRAWN	Hitarthsinh	1/4/2019	ALL DIMENSIONS: in.
CHECKED			
QA			
MFG			
APPROVED			
SIZE	D	SHEET 1 OF 1	SCALE: NOT TO SCALE
TITLE		PART NO.	30E.0343.19.002
BEARING ASSY, GEARED, SINGLE ROW BALL, FOUR POINT			



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