

| REVISION HISTORY |   |            |          |
|------------------|---|------------|----------|
| REV              | DESCRIPTION   | DATE       | APPROVED |
| 1                | RELEASED TO PRODUCTION  | 07/14/2016 | -        |
| 2                | UPDATED RACEWAY OFFSET DIAMETERS, HARD .079 50-60 250/300 WERE .118 55-60 269/321 | 6/16/2022  | GVS      |

STANDARD NOTES:

- BREAK ALL SHARP CORNERS AND EDGES.
- RACEWAY INDUCTION HARDENING CASE DEPTH TO BE NO LESS THAN .079 INCHES AT HRC 50-60.
- GREASE TO BE STANDARD EP2.
- SOFT SPOT TO BE MARKED WITH "S".
- CENTERLINE OF GREASE FITTINGS, 2X EQUALLY SPACED, 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.0289.19.002  
001 (002, 003, ETC)  
25-11-2014

9. WEIGHT: 40 lbmass

| GEAR DATA          |                 |
|--------------------|-----------------|
| DEFINITION         | VALUE           |
| PITCH DIAMETER     | 14.400          |
| DIAMETRAL PITCH    | 5               |
| NUMBER OF TEETH    | 72              |
| MATERIAL           | 42CrMo          |
| TOOTH HARDNESS BHN | 250/300         |
| TOOTH FORM         | 5/7 FELLOW STUB |
| PRESSURE ANGLE     | 20°             |

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|                      |              |   |  |
|----------------------|--------------|---|--|
| DRAWN<br>Cole Harvey | 6/27/2016    | ALL DIMENSIONS: in.   |  |
| CHECKED              |              |  | 1239 Hudson Gate Dr<br>Hudson, OH 44236<br>PH: 330.633.7735<br>www.SlewPro.com |
| QA                   |              |   |  |
| MFG                  |              |   |  |
| APPROVED             |              |   |  |
| SIZE<br>D            | SHEET 1 OF 1 | SCALE<br>NOT TO SCALE   | PART NO. 30E.0289.19.002   |