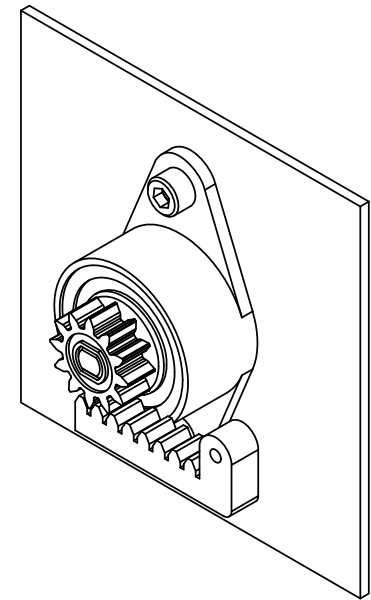
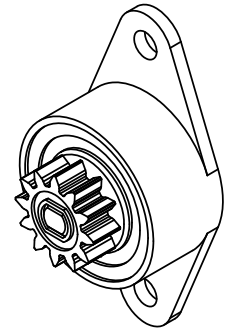
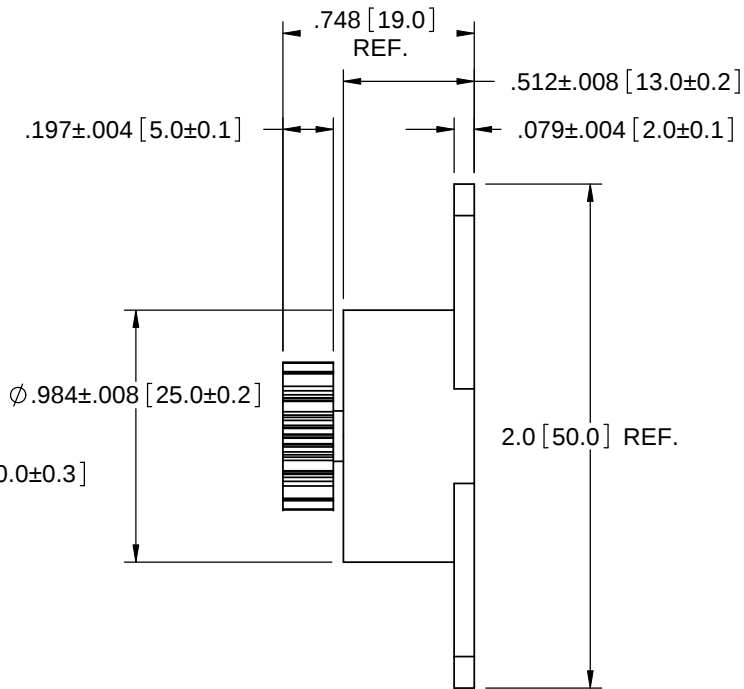
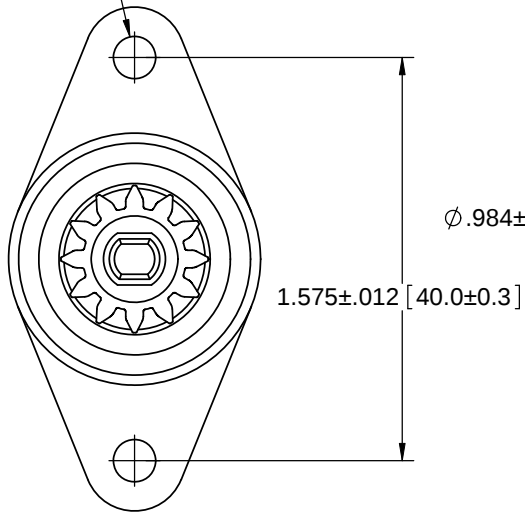


| GEAR SPECIFICATIONS   |            |
|-----------------------|------------|
| GEAR TYPE             | SPUR       |
| TOOTH STYLE           | INVOLUTE   |
| PRESSURE ANGLE        | 20°        |
| NUMBER OF TEETH       | 12         |
| PITCH CIRCLE DIAMETER | Ø.47 [Ø12] |

Ø.165±.004 [4.2±0.1] TYP.



#### NOTES:

1. HOUSING MATERIAL: POLYCARBONATE (RMS-161).
2. COLOR: BLACK.
3. GEAR AND SHAFT MATERIAL: ACETAL (RMS-160).
4. GEAR COLOR: BLUE.
5. COMPONENTS (INSIDE HOUSING):
  - A) SILICONE OIL (RMS-209)
  - B) O-RING: SILICONE RUBBER (RMS-210)

| PART NUMBER    | TORQUE (gf.cm) |
|----------------|----------------|
| RFRT-D2-102-G2 | 1000±200       |
| RFRT-D2-152-G2 | 1500±300       |

|      |                           |       |          |
|------|---------------------------|-------|----------|
| C    | SEE CO 200131 FOR CHANGES | SK    | 02/20/08 |
| B    | SEE ECN #1289 FOR CHANGES | SK    | 02/15/07 |
| A    | RELEASED FOR PRODUCTION   | SM    | 10/21/04 |
| REV. | DESCRIPTION               | ENGR. | DATE     |

|                                                               |                  |               |                                                      |            |                                                                                       |                                                                                       |                   |                                                                                       |
|---------------------------------------------------------------|------------------|---------------|------------------------------------------------------|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|
| TITLE: TWO WAY ROTARY DAMPER                                  |                  |               |                                                      |            |  |  | DWG IN<br>IN [MM] |  |
| CREATED USING<br>SOLIDWORKS                                   | FILE #: RFRT-D2  |               | DWN: R.D.G.                                          | APP: R.D.G | FINAL                                                                                 |                                                                                       |                   |                                                                                       |
| TOLERANCES<br>UNLESS NOTED<br>.X=±.25<br>.XX=±.13<br>ANG.=±1° | SHEET: 1 OF 1    | SHEET SIZE: A | DT: 10/15/04                                         | CHKD: S.J. | PART #                                                                                |                                                                                       | PRINT<br>TYPE     |                                                                                       |
|                                                               | RE: RICHCO, INC. |               | RICHCO, INC.<br>ENG@RICHCO-INC.COM<br>(773) 539-4060 |            | SEE TABLE                                                                             |                                                                                       | CA                |                                                                                       |