

|              |                  |                     |                 |
|--------------|------------------|---------------------|-----------------|
| CUSTOMER:    | GUDEL            | CUSTOMER ORDER REF: | RX113310T GUDTW |
| DISTRIBUTOR: | GUEDEL LINEARTEC | REDEX ORDER REF:    | 219447          |
| DESIGNATION: | KRP3+R.31.4.H    | SERIAL NUMBER:      | 909349          |
| CODE:        | RX128565-12      | MOTOR FLANGE CODE:  |                 |

**For the installation, please refer to User Manual KRP (182/008)**

**SPECIFIC REMARKS:**

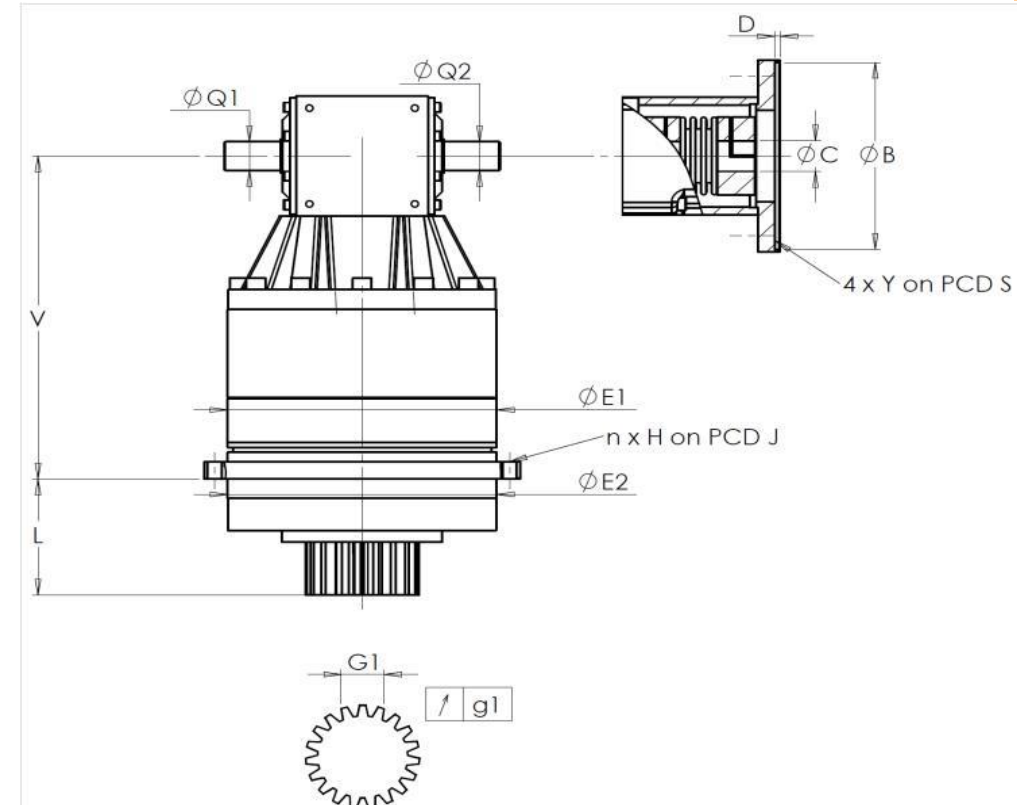
Product images are for illustrative purposes only.

# REDEX

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EXTERNAL DIMENSIONS & INTERFACES: SN: 909349



|                         |            |                                                    |               |            |           |               |           |                |           |            |
|-------------------------|------------|----------------------------------------------------|---------------|------------|-----------|---------------|-----------|----------------|-----------|------------|
| General tolerance: Js13 | <i>Cmm</i> | Automatic / manual<br>coordinate-measuring machine | $\mu\text{m}$ | Micrometer | <i>Cr</i> | Calliper rule | <i>Di</i> | Dial indicator | <i>Pg</i> | Plug gauge |
|-------------------------|------------|----------------------------------------------------|---------------|------------|-----------|---------------|-----------|----------------|-----------|------------|

| HOUSING     |                   |                                        |         |             |                                    | OUTPUT PINION |                                     |        |           |   |                         | MOTOR FLANGE |    |      |         |  |  |
|-------------|-------------------|----------------------------------------|---------|-------------|------------------------------------|---------------|-------------------------------------|--------|-----------|---|-------------------------|--------------|----|------|---------|--|--|
| requirement |                   |                                        | measure |             |                                    | requirement   |                                     |        | measure   |   |                         | requirement  |    |      | measure |  |  |
|             |                   |                                        | G6276   |             |                                    |               |                                     |        | F5314     |   |                         |              |    |      | -       |  |  |
|             | E1                | 255h7 <sup>0</sup> <sub>-0,052</sub>   | μm      | 254,99      | Span dimension over 3 teeth        |               |                                     |        |           |   | Ø                       | B            |    | μm   |         |  |  |
|             | E2                | 255h7 <sup>0</sup> <sub>-0,052</sub>   | μm      | 254,97      |                                    | G1            | 39,25 <sup>0</sup> <sub>-0,03</sub> | Cmm    | 39,24     | Ø | C                       |              | μm |      |         |  |  |
|             | n x H<br>on PCD J | 16 Ø13,5 on<br>PCD 280                 | Cr      | 16 Ø13,5 on | ↗                                  | g1            | 0,022                               | Di     | 0,02      |   | D                       |              | Cr |      |         |  |  |
|             |                   |                                        | Cr      | PCD 280     |                                    |               |                                     |        |           | Ø | S1                      |              | Cr |      |         |  |  |
|             | V                 | 337                                    | μm      | 337,23      | No-load input torque               |               |                                     |        |           |   | Ø                       | Y1           |    | Pg   |         |  |  |
|             | L                 | 121                                    | μm      | 120,91      | Line 1                             |               |                                     | 1 Nm   |           |   |                         |              |    |      |         |  |  |
| Ø           | Q1                | 30 <sup>+0,009</sup> <sub>-0,004</sub> | μm      | 30,005      |                                    |               |                                     |        |           |   | Noise level             |              |    |      |         |  |  |
| Ø           | Q2                | 30 <sup>+0,009</sup> <sub>-0,004</sub> | μm      | 30,007      |                                    |               |                                     | Line   | Stiffness |   | @1600 rpm input (dB(A)) |              |    | 68,5 |         |  |  |
|             |                   |                                        |         |             | Torsional stiffness<br>(Nm/arcmin) |               | 1                                   | 473,03 |           |   |                         |              |    |      |         |  |  |
|             |                   |                                        |         |             | Radial stiffness<br>(N/μm)         |               | 1                                   | 983    |           |   |                         |              |    |      |         |  |  |

**Date:** 12/12/2024

Visa: C DE MIRANDA

Version: A

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