

|              |                         |                     |               |
|--------------|-------------------------|---------------------|---------------|
| CUSTOMER:    | PMI                     | CUSTOMER ORDER REF: | RX109305T PMI |
| DISTRIBUTOR: | GUDEL LINEARTEC Co. Ltd | REDEX ORDER REF:    | 215294        |
| DESIGNATION: | KRP1+M.7.3.H.28/38      | SERIAL NUMBER:      | 904652        |
| CODE:        | RX129833-02             | MOTOR FLANGE CODE:  | RX128581-02   |

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

**SPECIFIC REMARKS:**

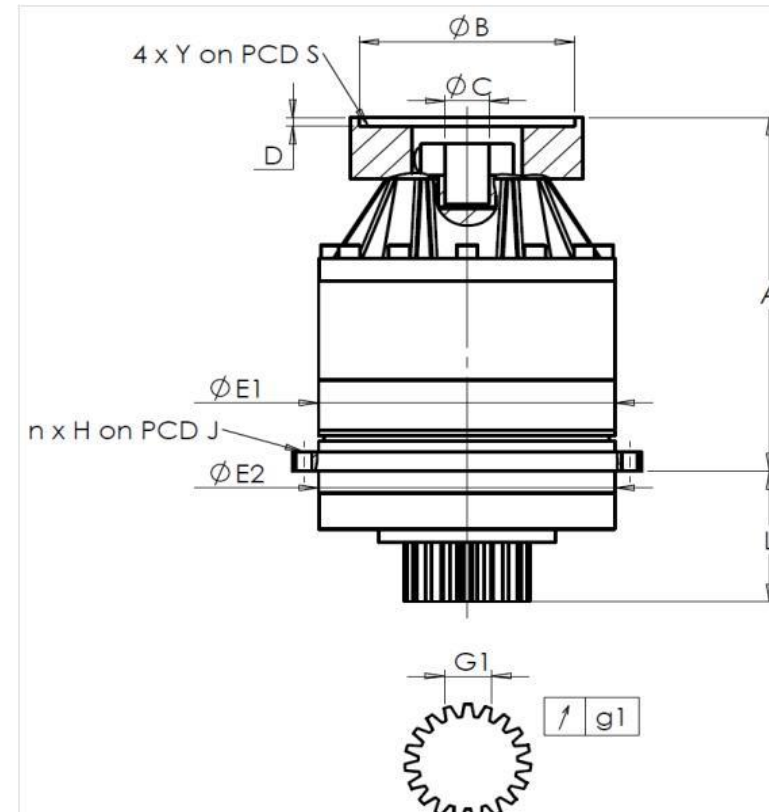
Product images are for illustrative purposes only.

# REDEX

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EXTERNAL DIMENSIONS & INTERFACES: SN: 904652



|                         |            |                                                    |               |            |           |               |           |                |           |            |
|-------------------------|------------|----------------------------------------------------|---------------|------------|-----------|---------------|-----------|----------------|-----------|------------|
| 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 |                                       |    |        |
|                   |    |                                     |    |            | C4627                       |    |                                     |     |        |              | K27     |                                       |    |        |
|                   | E1 | 152h7 <sup>0</sup> <sub>-0,04</sub> | µm | 151,98     | Span dimension over 3 teeth |    |                                     |     |        | Ø            | B       | 115                                   | µm | 115,02 |
|                   | E2 | 140h7 <sup>0</sup> <sub>-0,04</sub> | µm | 139,98     |                             | G1 | 23,28 <sup>0</sup> <sub>-0,03</sub> | Cmm | 23,265 | Ø            | C       | 35 <sup>+0,05</sup> <sub>+0,025</sub> | µm | 35,05  |
| n x H<br>on PCD J |    | 12 Ø6,5 on<br>PCD 168               | Cr | 12 Ø6,5 on | ↗                           | g1 | 0,021                               | Di  | 0,01   |              | D       | 8                                     | Cr | 8,49   |
|                   |    |                                     | Cr | PCD 168    |                             |    |                                     |     |        | Ø            | S1      | 200                                   | Cr | 200    |
|                   | A  | 217                                 | µm | 218,05     | No-load input torque        |    |                                     |     |        | Ø            | Y1      | M12                                   | Pg | M12    |
|                   | L  | 71                                  | µm | 70,74      | Line 1                      |    |                                     |     | 1 Nm   |              |         |                                       |    |        |

|  |                                    | Line | Stiffness | Noise level             |      |
|--|------------------------------------|------|-----------|-------------------------|------|
|  |                                    |      |           | @1600 rpm input (dB(A)) | 66,0 |
|  | Torsional stiffness<br>(Nm/arcmin) | 1    | 81,39     |                         |      |
|  | Radial stiffness<br>(N/μm)         | 1    | 404       |                         |      |

**Date:** 12/10/2020

Visa: P VASLIER

Version: A

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