

|              |                              |                     |                   |
|--------------|------------------------------|---------------------|-------------------|
| CUSTOMER:    | YONG JU PRECISION TECHNOLOGY | CUSTOMER ORDER REF: | RX110304T YONG JU |
| DISTRIBUTOR: | REDEX                        | REDEX ORDER REF:    | 215648            |
| DESIGNATION: | KRP3+R.31.4.H                | SERIAL NUMBER:      | 905720            |
| CODE:        | RX128565-12                  | MOTOR FLANGE CODE:  |                   |

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

**SPECIFIC REMARKS:**

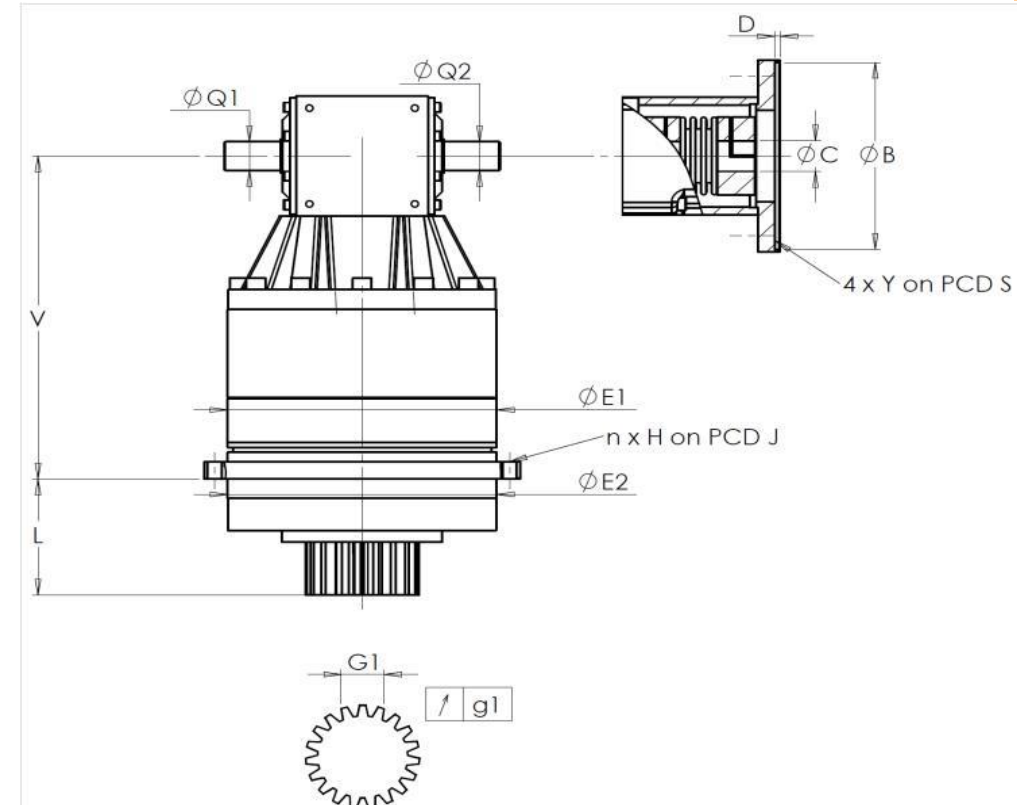
Product images are for illustrative purposes only.

# REDEX

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EXTERNAL DIMENSIONS & INTERFACES: SN: 905720



|                         |            |                                                    |               |            |           |               |           |                |           |            |
|-------------------------|------------|----------------------------------------------------|---------------|------------|-----------|---------------|-----------|----------------|-----------|------------|
| 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 |  |  |  |  |  |
|                   |    |                        |                                      |             | E3823         |                                    |       |                                     |        |              |                         |    |    |      | J2643   |  |  |  |  |  |
|                   |    | E1                     | 255h7 <sup>0</sup> <sub>-0,052</sub> | μm          | 254,97        | Span dimension over 3 teeth        |       |                                     |        |              | ∅                       | B  |    | μm   |         |  |  |  |  |  |
|                   |    | E2                     | 255h7 <sup>0</sup> <sub>-0,052</sub> | μm          | 254,99        |                                    | G1    | 39,25 <sup>0</sup> <sub>-0,03</sub> | Cmm    | 39,225       | ∅                       | 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                                  | 0,005  |              | D                       |    | Cr |      |         |  |  |  |  |  |
|                   |    |                        | Cr                                   | PCD 280     |               |                                    |       |                                     |        |              | ∅                       | S1 |    | Cr   |         |  |  |  |  |  |
|                   |    | V                      | 337                                  | μm          | 337           | No-load input torque               |       |                                     |        |              | ∅                       | Y1 |    | Pg   |         |  |  |  |  |  |
|                   |    | L                      | 121                                  | μm          | 121           | Line 1                             |       |                                     |        |              | 1,4 Nm                  |    |    |      |         |  |  |  |  |  |
| ∅                 | Q1 | 30                     | <sup>+0,009</sup> <sub>-0,004</sub>  | μm          | 30            |                                    |       |                                     |        |              | Noise level             |    |    |      |         |  |  |  |  |  |
| ∅                 | Q2 | 30                     | <sup>+0,009</sup> <sub>-0,004</sub>  | μm          | 30            |                                    |       |                                     | Line   | Stiffness    | @1600 rpm input (dB(A)) |    |    | 69,5 |         |  |  |  |  |  |
|                   |    |                        |                                      |             |               | Torsional stiffness<br>(Nm/arcmin) |       | 1                                   | 473,03 |              |                         |    |    |      |         |  |  |  |  |  |
|                   |    |                        |                                      |             |               | Radial stiffness<br>(N/μm)         |       | 1                                   | 985    |              |                         |    |    |      |         |  |  |  |  |  |

**Date:** 13/12/2021

Visa: P VASLIER

Version: A

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