

KRP

PERFORMANCE SHEET

RX183-006-A

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CUSTOMER:YONG JU PRECISION TECHNOLOGIES

CUSTOMER ORDER REF:RX103204T

DISTRIBUTOR:REDEX

REDEX ORDER REF:208447

DESIGNATION:KRP3+R.31.4.H

SERIAL NUMBER:895761

CODE:RX128565-12

MOTOR FLANGE CODE:

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EXTERNAL DIMENSIONS & INTERFACES:

SN:895761

Technical drawing of the motor assembly showing front and side views with dimensions: Q1, Q2, V, L, E1, E2, G1, C, B, D, Y, J, S.

General tolerance: Js13

Cmm

Automatic / manual coordinate-measuring machine

µm

Micrometer

Cr

Calliper rule

Di

Dial indicator

Pg

Plug gauge

HOUSING

OUTPUT PINION

MOTOR FLANGE

| requirement    |                                         | measure                                   |                             | requirement                             |       | measure |        | requirement |     | measure                 |      |
|----------------|-----------------------------------------|-------------------------------------------|-----------------------------|-----------------------------------------|-------|---------|--------|-------------|-----|-------------------------|------|
|                |                                         | J5369                                     |                             |                                         |       | R2099   |        |             |     | -                       |      |
| E1             | 255h7 <sup>0</sup> <sub>-0,052</sub> µm | 254,985                                   | Span dimension over 3 teeth |                                         |       |         | Ø      | 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 | 39,24 | Ø       | C      |             | µm  |                         |      |
| n x H on PCD J | 16 Ø13,5 on PCD 280 Cr                  | 16 Ø13,5 on PCD 280 Cr                    | g1                          | 0,022                                   | Di    | 0,015   | Ø      | D           |     | Cr                      |      |
| V              | 337 µm                                  | 337,3                                     | No-load input torque        |                                         |       |         | Ø      | S1          |     | Cr                      |      |
| L              | 121 µm                                  | 120,9                                     | Line 1                      |                                         |       |         | 1,5 Nm | Ø           | Y1  |                         | Pg   |
| Ø              | Q1                                      | 30 <sup>+0,009</sup> <sub>-0,004</sub> µm | 30                          | Torsional stiffness (Nm/arcmin)         |       |         |        | 1           | 436 | Noise level             |      |
| Ø              | Q2                                      | 30 <sup>+0,009</sup> <sub>-0,004</sub> µm | 30                          | Radial stiffness (N/µm)                 |       |         |        | 1           | 954 | @1600 rpm input (dB(A)) | 74,0 |

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

SPECIFIC REMARKS:

Date:28/05/2014

Visa:JJ PELLÉ p.o. JP MOZZICONACCI

Version:A

Product images are for illustrative purposes only.

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