

KRP

PERFORMANCE SHEET

RX183-006-A

1/2

CUSTOMER:YONG JU PRECISION

CUSTOMER ORDER REF:RX107307T YONG JU

DISTRIBUTOR:

REDEX ORDER REF:212847

DESIGNATION:KRP2+R.31.4.H

SERIAL NUMBER:902232

CODE:RX128908-12

MOTOR FLANGE CODE:

Page

2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN:902232

Technical drawing of the KRP2+R.31.4.H motor showing front, side, and detail 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 |    |      |
|----------------|-----------------------------------------|-------------------------------------------|-----------------------------|-----------------------------------------|--------|---------|--------|-------------------------|----|---------|----|------|
|                |                                         | B3493                                     |                             |                                         |        | M714    |        |                         |    | -       |    |      |
| E1             | 212h7 <sup>0</sup> <sub>-0,046</sub> µm | 211,975                                   | Span dimension over 4 teeth |                                         |        |         | Ø      | B                       |    | µm      |    |      |
| E2             | 200h7 <sup>0</sup> <sub>-0,046</sub> µm | 199,965                                   | G1                          | 44,27 <sup>0</sup> <sub>-0,03</sub> Cmm | 44,255 | Ø       | C      |                         | µm |         |    |      |
| n x H on PCD J |                                         | 12 Ø9 on PCD 233                          | Cr                          | 12 Ø9 on PCD 233                        | g1     | 0,022   | Di     | 0,01                    | Ø  | D       | Cr |      |
| V              | 289 µm                                  | 289,38                                    | No-load input torque        |                                         |        |         | Ø      | S1                      |    | Cr      |    |      |
| L              | 94 µm                                   | 94,13                                     | Line 1                      |                                         |        |         | 0,5 Nm | Ø                       | Y1 |         | Pg |      |
| Ø              | Q1                                      | 25 <sup>+0,009</sup> <sub>-0,004</sub> µm | 25,005                      | Noise level                             |        |         |        |                         |    |         |    |      |
| Ø              | Q2                                      | 25 <sup>+0,009</sup> <sub>-0,004</sub> µm | 25,009                      |                                         |        |         |        | @1600 rpm input (dB(A)) |    |         |    | 68,5 |
|                |                                         |                                           |                             | Torsional stiffness (Nm/arcmin)         |        | 1       | 243,75 |                         |    |         |    |      |
|                |                                         |                                           |                             | Radial stiffness (N/µm)                 |        | 1       | 448    |                         |    |         |    |      |

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

SPECIFIC REMARKS:

Date:04/10/2018

Visa:C DE MIRANDA

Version:A

Product images are for illustrative purposes only.

REDEX

ZI-BP79  
F45210 FERRIERES  
www.redex.fr

Tel: +33 2 38 94 42 00  
Fax: +33 2 38 94 42 99  
Email: info@redex.fr

REDEX

ZI-BP79  
F45210 FERRIERES  
www.redex.fr

Tel: +33 2 38 94 42 00  
Fax: +33 2 38 94 42 99  
Email: info@redex.fr