

KRP

PERFORMANCE SHEET

RX183-006-A

1/2

CUSTOMER: ARCO CHEER

DISTRIBUTOR:

DESIGNATION: KRP2.R1.21.4.H

CODE: RX133930-11

CUSTOMER ORDER REF: RX113305T

REDEX ORDER REF: 219261

SERIAL NUMBER: 909140

MOTOR FLANGE CODE:

EXTERNAL DIMENSIONS & INTERFACES:



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 |      |
|----------------|--------------------------------------|----------------------------------------|--------|---------------------------------|-------------------------------------|---------|--------|-------------|-------------------------|---------|------|
|                |                                      | H2408                                  |        |                                 |                                     | F4986   |        |             |                         | -       |      |
| E1             | 212h7 <sup>0</sup> <sub>-0,046</sub> | µm                                     | 211,99 | Span dimension over 4 teeth     |                                     |         |        | Ø           | B                       | µm      |      |
| E2             | 200h7 <sup>0</sup> <sub>-0,046</sub> | µm                                     | 199,98 | G1                              | 44,27 <sup>0</sup> <sub>-0,03</sub> | Cmm     | 44,249 | 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                                     | 289,31 | No-load input torque            |                                     |         |        | Ø           | S1                      | Cr      |      |
| L              | 94                                   | µm                                     | 93,88  | Line 1                          |                                     |         |        | 1 Nm        | Ø                       | Y1      | Pg   |
| Ø              | Q1                                   | 25 <sup>+0,009</sup> <sub>-0,004</sub> | µm     | 25,003                          |                                     |         |        |             | Noise level             |         |      |
| Ø              | Q2                                   | 25 <sup>+0,009</sup> <sub>-0,004</sub> | µm     | 25,006                          |                                     |         |        |             | @1600 rpm input (dB(A)) |         | 70,0 |
|                |                                      |                                        |        | Torsional stiffness (Nm/arcmin) |                                     | 1       | 243,75 |             |                         |         |      |
|                |                                      |                                        |        | Radial stiffness (N/µm)         |                                     | 1       | 643    |             |                         |         |      |

Date: 25/11/2024

Version: A

Visa: C DE MIRANDA

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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