

KRP

PERFORMANCE SHEET

RX183-006-A

1/2

CUSTOMER: THERMWWOD HEXCEL

DISTRIBUTOR:

DESIGNATION: KRP1+R.10.4.H

CODE: RX129591-03

CUSTOMER ORDER REF: CL2833/18 THERMWWOD HEXCEL

REDEX ORDER REF: 213333

SERIAL NUMBER: 902652

MOTOR FLANGE CODE:

EXTERNAL DIMENSIONS & INTERFACES:

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 |      |  |
|                |    |                                        | B6132   |                    |                                 |               |                                     | M3764   |                         |              |    | -       |      |  |
|                | E1 | 152h7 <sup>0</sup> <sub>-0,04</sub>    | µm      | 151,98             | Span dimension over 3 teeth     |               |                                     |         | Ø                       | B            |    | µm      |      |  |
|                | E2 | 140h7 <sup>0</sup> <sub>-0,04</sub>    | µm      | 140                |                                 | G1            | 23,28 <sup>0</sup> <sub>-0,03</sub> | Cmm     | 23,275                  | Ø            | C  |         | µm   |  |
| n x H on PCD J |    | 12 Ø6,5 on PCD 168                     | Cr      | 12 Ø6,5 on PCD 168 |                                 | g1            | 0,021                               | Di      | 0,015                   |              | D  |         | Cr   |  |
|                | V  | 226,5                                  | µm      | 226,31             | No-load input torque            |               |                                     |         | Ø                       | S1           |    | Cr      |      |  |
|                | L  | 71                                     | µm      | 70,86              | Line 1                          |               |                                     |         | 0,5 Nm                  | Ø            | Y1 |         | Pg   |  |
| Ø              | Q1 | 30 <sup>+0,009</sup> <sub>-0,004</sub> | µm      | 30,009             |                                 |               |                                     |         | Noise level             |              |    |         |      |  |
| Ø              | Q2 | 30 <sup>+0,009</sup> <sub>-0,004</sub> | µm      | 30,009             |                                 |               |                                     |         | @1600 rpm input (dB(A)) |              |    |         | 64,5 |  |
|                |    |                                        |         |                    | Torsional stiffness (Nm/arcmin) |               | 1                                   | 81,39   |                         |              |    |         |      |  |
|                |    |                                        |         |                    | Radial stiffness (N/µm)         |               | 1                                   | 333     |                         |              |    |         |      |  |

Date: 19/12/2018

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.

REDEX

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