

| KRP               |                  | Page                               |
|-------------------|------------------|------------------------------------|
| PERFORMANCE SHEET | RX183-006-A      | 1/2                                |
| CUSTOMER:         | HNK              | CUSTOMER ORDER REF: YOM1707-03 HNK |
| DISTRIBUTOR:      | YE-JOON MTS CORP | REDEX ORDER REF: 212136            |
| DESIGNATION:      | KRP3+R.31.4.H    | SERIAL NUMBER: 900851              |
| CODE:             | RX128565-12      | MOTOR FLANGE CODE: RX129474-03     |

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

SPECIFIC REMARKS:  
\* Accepted according the derogation RX 9535

Product images are for illustrative purposes only.

KRP

PERFORMANCE SHEET

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EXTERNAL DIMENSIONS & INTERFACES:

SN: 900851

Technical drawing of the KRP motor showing front, side, and detail views with dimensions: Q1, Q2, V, L, E1, E2, G1, g1, D, C, B, Y, J, S.

| General tolerance: Js13 |  |  |  | Cmm                                  | Automatic / manual<br>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                                 |    |         |
|                         |  |  |  | M4732                                |                                                    |               |                                    |            |                                     | N640          |           |                         |     |            | M6089                                   |    |         |
| E1                      |  |  |  | 255h7 <sup>0</sup> <sub>-0,052</sub> | µm                                                 | 254.99        | Span dimension over 3 teeth        |            |                                     |               |           |                         | Ø   | B          | 180 <sup>+0,054</sup> <sub>+0,014</sub> | µm | 180,032 |
| E2                      |  |  |  | 255h7 <sup>0</sup> <sub>-0,052</sub> | µm                                                 | 255           |                                    | G1         | 39,25 <sup>0</sup> <sub>-0,03</sub> | Cmm           | 39.235    |                         | Ø   | C          | 38 <sup>+0,05</sup> <sub>+0,025</sub>   | µm | 38,04   |
| n x H<br>on PCD J       |  |  |  | 16 Ø13,5 on<br>PCD 280               | Cr                                                 | OK            |                                    | ↗          | g1                                  | 0,022         | Di        | 0,01                    |     | D          | 8                                       | Cr | 8,09    |
|                         |  |  |  |                                      |                                                    |               |                                    |            |                                     |               | Ø         | S1                      | 215 | Cr         | 215                                     |    |         |
| V                       |  |  |  | 337                                  | µm                                                 | 337.23        | No-load input torque               |            |                                     |               |           |                         | Ø   | Y1         | M12                                     | Pg | ok      |
| L                       |  |  |  | 121                                  | µm                                                 | 121.05        | Line 1                             |            |                                     |               | 1,2 Nm    |                         |     |            |                                         |    |         |
| Ø                       |  |  |  | Q1                                   | 30 <sup>+0,009</sup> <sub>-0,004</sub>             | µm            | 30.005                             |            |                                     |               |           | Noise level             |     |            |                                         |    |         |
| Ø                       |  |  |  | Q2                                   | 30 <sup>+0,009</sup> <sub>-0,004</sub>             | µm            | 30.005                             |            |                                     | Line          | Stiffness | @1600 rpm input (dB(A)) |     | 71,5 *     |                                         |    |         |
|                         |  |  |  |                                      |                                                    |               | Torsional stiffness<br>(Nm/arcmin) |            | 1                                   | 473,03        |           |                         |     |            |                                         |    |         |
|                         |  |  |  |                                      |                                                    |               | Radial stiffness<br>(N/µm)         |            | 1                                   | 1118          |           |                         |     |            |                                         |    |         |

Date: 06/10/2017

Visa: J ONGANER

Version: A