

| KRPX              |                      | Page                                  |
|-------------------|----------------------|---------------------------------------|
| Performance sheet | RX183-007-D          | 1/2                                   |
| CUSTOMER:         | KIHEUNG MACHINERY    | CUSTOMER ORDER REF: S7297-001 KIHEUNG |
| DISTRIBUTOR:      |                      | REDEX ORDER REF: 209733               |
| DESIGNATION:      | KRPX3+M.31.3.H.28/38 | SERIAL NUMBER: 897693                 |
| CODE:             | RX131507-12          | MOTOR FLANGE CODE: RX128581-01        |

For the installation, please refer to User Manual KRPX (182/010)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

| KRPX                              |             | Page       |
|-----------------------------------|-------------|------------|
| Performance sheet                 | RX183-007-D | 2/2        |
| EXTERNAL DIMENSIONS & INTERFACES: |             | SN: 897693 |
|                                   |             |            |

|                         |    |             |                                    |     |                                                    |  |         |            |             |                             |               |         |    |                      |                                    |             |            |        |         |     |                                       |        |       |
|-------------------------|----|-------------|------------------------------------|-----|----------------------------------------------------|--|---------|------------|-------------|-----------------------------|---------------|---------|----|----------------------|------------------------------------|-------------|------------|--------|---------|-----|---------------------------------------|--------|-------|
| General tolerance: Js13 |    |             |                                    | Cmm | Automatic / manual<br>coordinate-measuring machine |  | μm      | Micrometer |             | Cr                          | Calliper rule |         | Di | Dial indicator       |                                    | Pg          | Plug gauge |        |         |     |                                       |        |       |
| HOUSING                 |    |             |                                    |     |                                                    |  | HOUSING |            |             |                             |               |         |    | MOTOR FLANGE         |                                    |             |            |        |         |     |                                       |        |       |
|                         |    | requirement |                                    |     | measure                                            |  |         |            | requirement |                             |               | measure |    |                      |                                    | requirement |            |        | measure |     |                                       |        |       |
|                         |    |             |                                    |     | L4996                                              |  |         |            | L1          |                             |               | 75      |    | Cr                   |                                    | 75          |            |        |         |     |                                       |        |       |
|                         | Y2 | M8x15       |                                    | Pg  | OK                                                 |  |         | L2         |             |                             | 70            |         | Cr |                      | 70                                 |             |            | ∅      | B       | 181 | μm                                    | 180.97 |       |
| ∅                       | S2 | 200         | <sup>+0,1</sup><br>-0,1            | Cr  | 200                                                |  |         | J          |             |                             | 160           |         | Cr |                      | 160                                |             |            | ∅      | C       | 38  | <sup>+0,05</sup><br><sup>+0,025</sup> | μm     | 38.03 |
|                         | A  | 389,5       |                                    | μm  | 389.88                                             |  |         | K          |             |                             | 13            |         | Cr |                      | 13                                 |             |            |        | D       | 8   | Cr                                    | 8.55   |       |
|                         | E  | 290         |                                    | Cr  | 290                                                |  | 2 x 4∅  | Y4         | M8x15       |                             | Pg            | OK      |    |                      | ∅                                  | S1          | 215        | Cr     | 215     |     |                                       |        |       |
|                         | O  | 25          |                                    | Cr  | 25                                                 |  |         | F1         | 50          |                             | Cr            | 50      |    |                      | ∅                                  | Y1          | M12        | Pg     | OK      |     |                                       |        |       |
|                         | P1 | 35          |                                    | Cr  | 35                                                 |  |         | F2         | 25          |                             | Cr            | 25      |    | No-load input torque |                                    |             |            |        |         |     |                                       |        |       |
|                         | P2 | 35          |                                    | Cr  | 35                                                 |  | 2 x 1∅  | Y7         | 12          |                             | μm            | 12      |    |                      |                                    |             |            |        |         |     |                                       |        |       |
|                         | P3 | 35          |                                    | Cr  | 35                                                 |  | 2 x 4∅  | Y6         | 17,5        |                             | μm            | 17.5    |    |                      | Line 1                             |             |            | 1,2 Nm |         |     |                                       |        |       |
|                         | P4 | 35          |                                    | Cr  | 35                                                 |  | 2 x 5∅  | Y5         | 26          |                             | μm            | 26      |    |                      |                                    |             |            |        |         |     |                                       |        |       |
|                         | T  | 17          |                                    | Cr  | 17                                                 |  |         | M H6       | 12          | <sup>+0,011</sup><br>0      | Cmm           | 12,002  |    |                      |                                    |             |            |        |         |     |                                       |        |       |
|                         | U  | 32          |                                    | Cr  | 32                                                 |  | ⊥       | m          | 0,05        |                             | Cmm           | 0,005   |    |                      | Torsional stiffness<br>(Nm/arcmin) |             |            | 1      | 473,03  |     |                                       |        |       |
| 2 x 1∅                  | Y3 | M8x15       |                                    | Pg  | OK                                                 |  |         | N          | 71,5        | <sup>+0,1</sup><br>-0,1     | Cmm           | 71,518  |    |                      |                                    |             |            |        |         |     |                                       |        |       |
|                         | R  | 226         | <sup>+0,2</sup><br><sup>+0,1</sup> | Cmm | 226,158                                            |  | A       | W          | 135         | <sup>+0,035</sup><br>-0,035 | Cmm           | 135     |    |                      | Radial stiffness<br>(N/μm)         |             |            | 1      | 1034    |     |                                       |        |       |
| ⊙                       | r  | 0,1         |                                    | Cmm | 0,041                                              |  | //      | w          | 0,03        | /A                          | Cmm           | 0,008   |    |                      |                                    |             |            |        |         |     |                                       |        |       |

| OUTPUT PINION               |    |       |                               | Noise level             |        |
|-----------------------------|----|-------|-------------------------------|-------------------------|--------|
| Q0727                       |    |       |                               | @1600 rpm input (dB(A)) | 67,5   |
| Span dimension over 3 teeth |    |       |                               |                         |        |
|                             | G1 | 39,25 | <sup>0</sup> <sub>-0,03</sub> | Cmm                     | 39,235 |
| ↗                           | g1 | 0,022 |                               | Di                      | 0,01   |

Date: 28/08/2015

Visa: JJ PELLÉ

Version: A