

| KRPX              |                         | Page                                       |
|-------------------|-------------------------|--------------------------------------------|
| Performance sheet | RX183-007-D             | 1/2                                        |
| CUSTOMER:         | HWACHEON MACHINERY WORK | CUSTOMER ORDER REF: HMT-150203-03 HWACHEON |
| DISTRIBUTOR:      |                         | REDEX ORDER REF: 209365                    |
| DESIGNATION:      | KRPX2+M.21.3.H.28/38    | SERIAL NUMBER: 897218                      |
| CODE:             | RX131478-11             | MOTOR FLANGE CODE: RX128581-02             |

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

SPECIFIC REMARKS:  
(1) Accepted according to Redex derogation 7368

Product images are for illustrative purposes only.

| KRPX                              |             | Page       |
|-----------------------------------|-------------|------------|
| Performance sheet                 | RX183-007-D | 2/2        |
| EXTERNAL DIMENSIONS & INTERFACES: |             | SN: 897218 |
|                                   |             |            |

|                         |    |             |              |       |                                                    |         |        |            |             |                |               |                       |     |                                    |             |     |            |                 |     |       |
|-------------------------|----|-------------|--------------|-------|----------------------------------------------------|---------|--------|------------|-------------|----------------|---------------|-----------------------|-----|------------------------------------|-------------|-----|------------|-----------------|-----|-------|
| 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         |     |       |
|                         |    |             |              |       | L0256                                              |         |        |            | L1          |                | 60            |                       | Cr  | 60                                 |             |     |            |                 |     |       |
|                         | Y2 | M6x12       |              | Pg    | OK                                                 |         |        |            | L2          | 60             |               | Cr                    | 60  |                                    | Ø           | B   | 115        |                 | µm  | 115   |
| Ø                       | S2 | 165         | +0,1<br>-0,1 | Cr    | 165                                                |         |        |            | J           | 130            |               | Cr                    | 130 |                                    | Ø           | C   | 35         | +0,05<br>+0,025 | µm  | 35.03 |
|                         | A  | 332         |              | µm    | 332.88                                             |         |        |            | K           | 11             |               | Cr                    | 11  |                                    |             | D   | 8          |                 | Cr  | 8.5   |
|                         | E  | 240         |              | Cr    | 240                                                |         | 2 x 4Ø | Y4         | M6x12       |                | Pg            | OK                    |     | Ø                                  | S1          | 200 |            | Cr              | 200 |       |
|                         | O  | 15          |              | Cr    | 15                                                 |         |        | F1         | 40          |                | Cr            | 40.34                 |     | Ø                                  | Y1          | M12 |            | Pg              | OK  |       |
|                         | P1 | 30          |              | Cr    | 30                                                 |         |        | F2         | 24          |                | Cr            | 24.5                  |     | No-load input torque               |             |     |            |                 |     |       |
|                         | P2 | 30          |              | Cr    | 30                                                 |         | 2 x 1Ø | Y7         | 10          |                | µm            | 10                    |     |                                    |             |     |            |                 |     |       |
|                         | P3 | 30          |              | Cr    | 30                                                 |         | 2 x 4Ø | Y6         | 15,5        |                | µm            | 15.5                  |     | Line 1                             |             |     | 0,5 Nm     |                 |     |       |
|                         | P4 | 30          |              | Cr    | 30                                                 |         | 2 x 5Ø | Y5         | 24          |                | µm            | 24.5                  |     |                                    |             |     |            |                 |     |       |
|                         | T  | 14          |              | Cr    | 14                                                 |         |        | M H6       | 10          | +0,009<br>0    | Cmm           | 10,012 <sup>(1)</sup> |     |                                    |             |     |            |                 |     |       |
|                         | U  | 26          |              | Cr    | 26                                                 |         | ⊥      | m          | 0,05        |                | Cmm           | 0,018                 |     | Torsional stiffness<br>(Nm/arcmin) |             | 1   | 244        |                 |     |       |
| 2 x 1Ø                  | Y3 | M6x12       |              | Pg    | OK                                                 |         |        | N          | 55          | +0,1<br>-0,1   | Cmm           | 55,046                |     |                                    |             |     |            |                 |     |       |
|                         | R  | 186         | +0,2<br>+0,1 | Cmm   | 186,241 <sup>(1)</sup>                             |         | A      | W          | 110         | +0,02<br>-0,02 | Cmm           | 109,997               |     | Radial stiffness<br>(N/µm)         |             | 1   | 428        |                 |     |       |
| ⊙                       | r  | 0,1         | Cmm          | 0,064 |                                                    | //      | w      | 0,03       | /A          | Cmm            | 0,001         |                       |     |                                    |             |     |            |                 |     |       |

| OUTPUT PINION               |                                                                                       |    |                                     |       | Noise level             |      |
|-----------------------------|---------------------------------------------------------------------------------------|----|-------------------------------------|-------|-------------------------|------|
|                             |                                                                                       |    |                                     | P0545 | @2100 rpm input (dB(A)) | 66,5 |
| Span dimension over 4 teeth |                                                                                       |    |                                     |       |                         |      |
|                             |                                                                                       | G1 | 44,27 <sup>0</sup> <sub>-0,03</sub> | Cmm   | 44,255                  |      |
|                             |  | g1 | 0,022                               | Di    | 0,01                    |      |

Date: 22/05/2015      Visa: J ONGANER

Version: A