

| KRPX              |                      |                     | Page        |
|-------------------|----------------------|---------------------|-------------|
| Performance sheet |                      | RX183-007-D         | 1/2         |
| CUSTOMER:         | KIHEUNG MACHINERY    | CUSTOMER ORDER REF: | V7297-003   |
| DISTRIBUTOR:      |                      | REDEX ORDER REF:    | 213201      |
| DESIGNATION:      | KRPX2+M.31.3.H.28/38 | SERIAL NUMBER:      | 902472      |
| CODE:             | RX131478-12          | 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.

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|-----------------------------------|--|-------------|--------|
| Performance sheet                 |  | RX183-007-D | 2/2    |
| EXTERNAL DIMENSIONS & INTERFACES: |  | SN:         | 902472 |
|                                   |  |             |        |

|                         |     |                                                    |    |            |    |               |    |                |    |            |
|-------------------------|-----|----------------------------------------------------|----|------------|----|---------------|----|----------------|----|------------|
| 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   |       |  |
|             |    |                              | B742    |         |             | L1   | 60                          | Cr                             | 60     |                                    |                            |                                |           |       |  |
|             | Y2 | M6x12                        | Pg      | M6x12   |             | L2   | 60                          | Cr                             | 60     | ∅                                  | B                          | 181                            | µm        | 181   |  |
| ∅           | S2 | 165 <sup>+0,1<br/>-0,1</sup> | Cr      | 165     |             | J    | 130                         | Cr                             | 130    | ∅                                  | C                          | 38 <sup>+0,05<br/>+0,025</sup> | µm        | 38,05 |  |
|             | A  | 332                          | µm      | 332,87  |             | K    | 11                          | Cr                             | 11     |                                    | D                          | 8                              | Cr        | 8,5   |  |
|             | E  | 240                          | Cr      | 240     | 2 x 4∅      | Y4   | M6x12                       | Pg                             | M6x12  | ∅                                  | S1                         | 215                            | Cr        | 215   |  |
|             | O  | 15                           | Cr      | 15      |             | F1   | 40                          | Cr                             | 40     | ∅                                  | Y1                         | M12                            | Pg        | M12   |  |
|             | P1 | 30                           | Cr      | 30      |             | F2   | 24                          | Cr                             | 24     |                                    |                            |                                |           |       |  |
|             | P2 | 30                           | Cr      | 30      | 2 x 1∅      | Y7   | 10                          | µm                             | 10     | No-load input torque               |                            |                                |           |       |  |
|             | P3 | 30                           | Cr      | 30      | 2 x 4∅      | Y6   | 15,5                        | µm                             | 15,5   | Line 1                             |                            |                                | 0,7 Nm    |       |  |
|             | P4 | 30                           | Cr      | 30      | 2 x 5∅      | Y5   | 24                          | µm                             | 24     |                                    |                            |                                |           |       |  |
|             | T  | 14                           | Cr      | 14      |             | M H6 | 10 <sup>+0,009<br/>0</sup>  | Cmm                            | 10,009 |                                    |                            | Line                           | Stiffness |       |  |
|             | U  | 26                           | Cr      | 26      | ⊥           | m    | 0,05                        | Cmm                            | 0,004  | Torsional stiffness<br>(Nm/arcmin) |                            | 1                              | 243,75    |       |  |
| 2 x 1∅      | Y3 | M6x12                        | Pg      | M6x12   |             | N    | 55 <sup>+0,1<br/>-0,1</sup> | Cmm                            | 55,051 |                                    |                            |                                |           |       |  |
|             | R  | 186 <sup>+0,2<br/>+0,1</sup> | Cmm     | 186,174 | A           |      | W                           | 110 <sup>+0,02<br/>-0,02</sup> | Cmm    | 110,013                            | Radial stiffness<br>(N/µm) |                                | 1         | 556   |  |
| ⊙           | r  | 0,1                          | Cmm     | 0,086   |             | //   | w                           | 0,03                           | /A     | Cmm                                |                            |                                |           |       |  |

| OUTPUT PINION               |    |                                     |     | Noise level             |  |  |  |
|-----------------------------|----|-------------------------------------|-----|-------------------------|--|--|--|
| M2389                       |    |                                     |     | @1600 rpm input (dB(A)) |  |  |  |
| Span dimension over 4 teeth |    |                                     |     |                         |  |  |  |
|                             | G1 | 44,27 <sup>0</sup> <sub>-0,03</sub> | Cmm | 44,25                   |  |  |  |
| ↗                           | g1 | 0,022                               | Di  | 0,005                   |  |  |  |

Date: 19/11/2018

Visa: C DE MIRANDA

Version: A