

| KRPX              |                        | Page                                 |
|-------------------|------------------------|--------------------------------------|
| Performance sheet | RX183-007-D            | 1/2                                  |
| CUSTOMER:         | KIHEUNG MACHINERY LTD. | CUSTOMER ORDER REF: X7297-003 DOOSAN |
| DISTRIBUTOR:      |                        | REDEX ORDER REF: 215039              |
| DESIGNATION:      | KRPX3+M.21.3.H.28/38   | SERIAL NUMBER: 904562                |
| CODE:             | RX131507-11            | MOTOR FLANGE CODE: RX128581-01       |

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

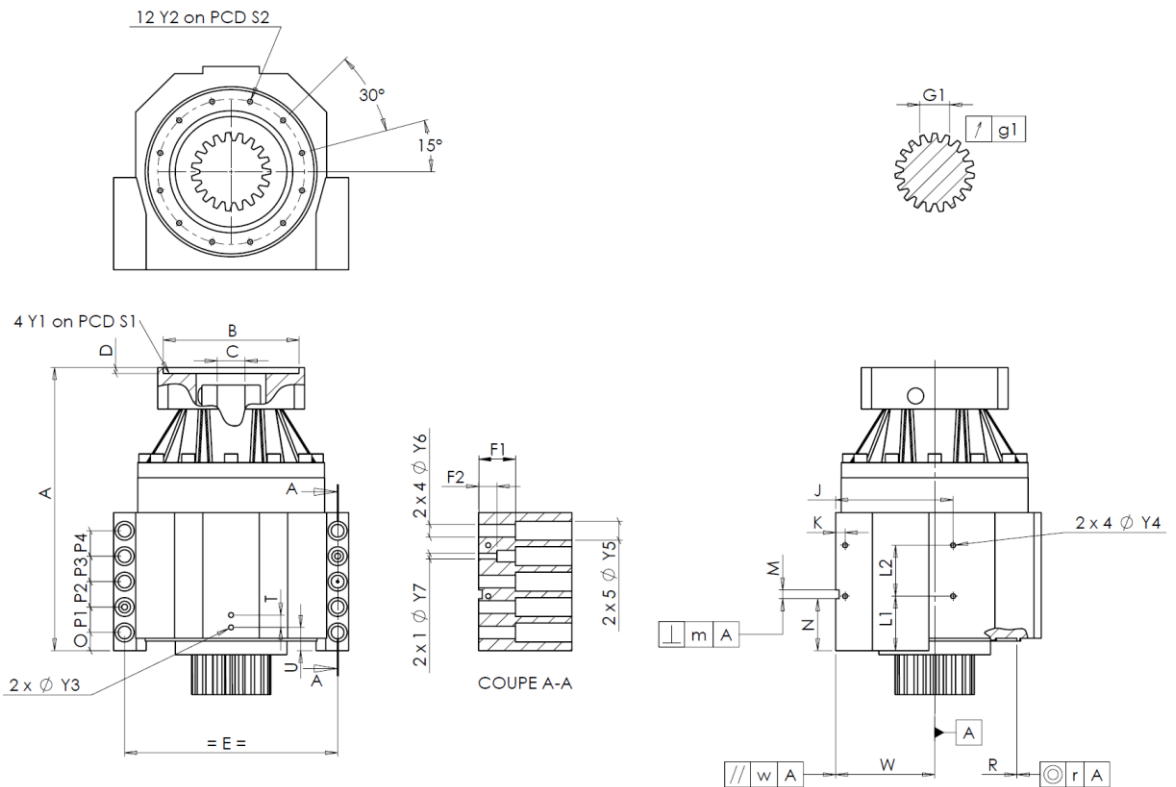
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

**REDEX**

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| KRPX                                                                                |             | Page       |
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| Performance sheet                                                                   | RX183-007-D | 2/2        |
| EXTERNAL DIMENSIONS & INTERFACES:                                                   |             | SN: 904562 |
|  |             |            |

|                         |     |                                                    |    |            |    |               |    |                |    |            |
|-------------------------|-----|----------------------------------------------------|----|------------|----|---------------|----|----------------|----|------------|
| 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 |        |      |
|             |    |                              | C3837   |         |             | L1   | 75                            | Cr                               | 75     |                                    |                            |                                |         |        |      |
|             | Y2 | M8x15                        | Pg      | M8x15   |             | L2   | 70                            | Cr                               | 70     | ∅                                  | B                          | 181                            | µm      | 181    |      |
| ∅           | S2 | 200 <sup>+0,1<br/>-0,1</sup> | Cr      | 200     |             | J    | 160                           | Cr                               | 160    | ∅                                  | C                          | 38 <sup>+0,05<br/>+0,025</sup> | µm      | 38,04  |      |
|             | A  | 389,5                        | µm      | 389,66  |             | K    | 13                            | Cr                               | 13     |                                    | D                          | 8                              | Cr      | 8,47   |      |
|             | E  | 290                          | Cr      | 290     | 2 x 4∅      | Y4   | M8x15                         | Pg                               | M8x15  | ∅                                  | S1                         | 215                            | Cr      | 215    |      |
|             | O  | 25                           | Cr      | 25      |             | F1   | 50                            | Cr                               | 50     | ∅                                  | Y1                         | M12                            | Pg      | M12    |      |
|             | 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                             |                            |                                | 2,5 Nm  |        |      |
|             | P4 | 35                           | Cr      | 35      | 2 x 5∅      | Y5   | 26                            | µm                               | 26     |                                    |                            |                                |         |        |      |
|             | T  | 17                           | Cr      | 17      |             | M H6 | 12 <sup>+0,011<br/>0</sup>    | Cmm                              | 12,011 |                                    |                            |                                |         |        |      |
|             | U  | 32                           | Cr      | 32      | ⊥           | m    | 0,05                          | Cmm                              | 0,013  | Torsional stiffness<br>(Nm/arcmin) |                            |                                | 1       | 473,03 |      |
| 2 x 1∅      | Y3 | M8x15                        | Pg      | M8x15   |             | N    | 71,5 <sup>+0,1<br/>-0,1</sup> | Cmm                              | 71,531 |                                    |                            |                                |         |        |      |
|             | R  | 226 <sup>+0,2<br/>+0,1</sup> | Cmm     | 226,132 | A           |      | W                             | 135 <sup>+0,035<br/>-0,035</sup> | Cmm    | 135,016                            | Radial stiffness<br>(N/µm) |                                |         | 1      | 1006 |
| ⊙           | r  | 0,1                          | Cmm     | 0,01    | //          | w    | 0,03                          | /A                               | Cmm    | 0,012                              |                            |                                |         |        |      |

| OUTPUT PINION               |    |                                     |     | Noise level             |  |  |  |
|-----------------------------|----|-------------------------------------|-----|-------------------------|--|--|--|
| L4584                       |    |                                     |     | @1600 rpm input (dB(A)) |  |  |  |
| Span dimension over 3 teeth |    |                                     |     |                         |  |  |  |
|                             | G1 | 39,25 <sup>0</sup> <sub>-0,03</sub> | Cmm | 39,24                   |  |  |  |
| ↗                           | g1 | 0,022                               | Di  | 0,015                   |  |  |  |

Date: 30/06/2020

Visa: C DE MIRANDA

Version: A

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