

| KRPX              |                        | Page                                  |
|-------------------|------------------------|---------------------------------------|
| Performance sheet | RX183-007-D            | 1/2                                   |
| CUSTOMER:         | PREET EPC PRIVATE      | CUSTOMER ORDER REF: *2424/24100 PREET |
| DISTRIBUTOR:      |                        | REDEX ORDER REF: 219921               |
| DESIGNATION:      | KRPX4+MX.155.3.H.28/38 | SERIAL NUMBER: 909720                 |
| CODE:             | RX136271-00            | 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       |
|-----------------------------------|-------------|------------|
| Performance sheet                 | RX183-007-D | 2/2        |
| EXTERNAL DIMENSIONS & INTERFACES: |             | SN: 909720 |
|                                   |             |            |

|                         |     |                                                    |    |            |    |               |    |                |    |            |
|-------------------------|-----|----------------------------------------------------|----|------------|----|---------------|----|----------------|----|------------|
| 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                    |                                    |      |       |  |
|         |  |             |        |                                 | G1740   |         |  |        |    | L1          |      |              | 81      |                                 |                                     |        |                      |                                    |     |        |                            |                                    |      |       |  |
|         |  | Y2          | M8x16  |                                 | Pg      | M8x16   |  |        |    | L2          |      |              | 79      |                                 |                                     |        |                      | Ø                                  | B   | 181    |                            | µm                                 | 181  |       |  |
| Ø       |  | S2          | 234    | <sup>+0,1</sup> <sub>-0,1</sub> | Cr      | 234     |  |        |    | J           |      |              | 185     |                                 |                                     |        |                      | Ø                                  | C   | 38     |                            | <sup>+0,05</sup> <sub>+0,025</sub> | µm   | 38.03 |  |
|         |  | A           | 530.5  |                                 | µm      | 530.64  |  |        |    | K           |      |              | 15      |                                 |                                     |        |                      |                                    | D   | 8      |                            | Cr                                 | 8.51 |       |  |
|         |  | E           | 320    |                                 | Cr      | 320     |  | 2 x 4Ø | Y4 | M10x13      |      | Pg           | M10x13  |                                 |                                     |        | Ø                    | S1                                 | 215 |        | Cr                         | 215                                |      |       |  |
|         |  | O           | 20     |                                 | Cr      | 20      |  |        |    | F1          |      |              | 60      |                                 |                                     |        |                      | Ø                                  | Y1  | M12    |                            | Pg                                 | M12  |       |  |
|         |  | P1          | 40     |                                 | Cr      | 40      |  |        |    | F2          |      |              | 30      |                                 |                                     |        |                      |                                    |     |        |                            |                                    |      |       |  |
|         |  | P2          | 40     |                                 | Cr      | 40      |  | 2 x 1Ø | Y7 | 14          |      | µm           | 14      |                                 |                                     |        | No-load input torque |                                    |     |        |                            |                                    |      |       |  |
|         |  | P3          | 40     |                                 | Cr      | 40      |  | 2 x 4Ø | Y6 | 22          |      | µm           | 22      |                                 |                                     |        | Line 1               |                                    |     | 0,6 Nm |                            |                                    |      |       |  |
|         |  | P4          | 40     |                                 | Cr      | 40      |  | 2 x 5Ø | Y5 | 33          |      | µm           | 33      |                                 |                                     |        |                      |                                    |     |        |                            |                                    |      |       |  |
|         |  | T           | 20     |                                 | Cr      | 20      |  |        |    | M H6        |      |              | 15      | <sup>+0,011</sup> <sub>0</sub>  | Cmm                                 | 15.01  |                      |                                    |     | Line   | Stiffness                  |                                    |      |       |  |
|         |  | U           | 37     |                                 | Cr      | 37      |  | ⊥      |    | m           | 0,05 |              | Cmm     | 0.017                           |                                     |        |                      | Torsional stiffness<br>(Nm/arcmin) |     | 1      | 574,81                     |                                    |      |       |  |
| 2 x 1Ø  |  | Y3          | M10x13 |                                 | Pg      | M10x13  |  |        |    | N           |      |              | 72,5    | <sup>+0,1</sup> <sub>-0,1</sub> | Cmm                                 | 72.547 |                      |                                    |     |        |                            |                                    |      |       |  |
|         |  | R           | 255    | <sup>+0,2</sup> <sub>+0,1</sub> | Cmm     | 255.166 |  | A      |    |             | W    |              |         | 158                             | <sup>+0,035</sup> <sub>-0,035</sub> | Cmm    | 158.013              |                                    |     |        | Radial stiffness<br>(N/µm) |                                    | 1    | 1079  |  |
| ⊙       |  | r           | 0,1    |                                 | Cmm     | 0.048   |  | //     |    | w           | 0,03 |              | /A      | Cmm                             | 0.001                               |        |                      |                                    |     |        |                            |                                    |      |       |  |

| OUTPUT PINION               |                                                                                       |    |                                    |     |        | Noise level |             |      |
|-----------------------------|---------------------------------------------------------------------------------------|----|------------------------------------|-----|--------|-------------|-------------|------|
|                             |                                                                                       |    |                                    |     | H3061  |             | 1600 tr/min | 61.5 |
| Span dimension over 3 teeth |                                                                                       |    |                                    |     |        |             |             |      |
|                             |                                                                                       | G1 | 46,9 <sup>0</sup> <sub>-0,03</sub> | Cmm | 46.882 |             |             |      |
|                             |  | g1 | 0,022                              | Di  | 0.01   |             |             |      |

Date: 12/05/2025

Visa: C DE MIRANDA

Version: A

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