

| KRPX              |                      | Page                                  |
|-------------------|----------------------|---------------------------------------|
| Performance sheet | RX183-007-D          | 1/2                                   |
| CUSTOMER:         | MAKINO               | CUSTOMER ORDER REF: 161208IB-2 MAKINO |
| DISTRIBUTOR:      | S & F INC            | REDEX ORDER REF: 211423               |
| DESIGNATION:      | KRPX4+M.21.3.H.35/48 | SERIAL NUMBER: 899875                 |
| CODE:             | RX131194-11          | MOTOR FLANGE CODE: RX128583-06        |

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: 899875 |
|                                   |             |            |

|                                                                                       |    |                              |                              |                             |                                                    |                                                                                       |      |                                  |     |         |                                    |                            |        |                |                                |         |            |  |
|---------------------------------------------------------------------------------------|----|------------------------------|------------------------------|-----------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------|------|----------------------------------|-----|---------|------------------------------------|----------------------------|--------|----------------|--------------------------------|---------|------------|--|
| 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 |            |  |
|                                                                                       |    |                              |                              | M5436                       |                                                    |                                                                                       |      | L1                               |     | 81      |                                    | Cr                         | 81     |                |                                |         |            |  |
|                                                                                       |    | Y2                           | M8x16                        | Pg                          | OK                                                 |                                                                                       |      | L2                               | 79  | Cr      | 79                                 |                            | ∅      | B              | 115                            | µm      | 115        |  |
|                                                                                       | ∅  | S2                           | 234 <sup>+0,1<br/>-0,1</sup> | Cr                          | 234                                                |                                                                                       |      | J                                | 185 | Cr      | 185                                |                            | ∅      | C              | 35 <sup>+0,05<br/>+0,025</sup> | µm      | 35.05      |  |
|                                                                                       |    | A                            | 436                          | µm                          | 437.27                                             |                                                                                       |      | K                                | 15  | Cr      | 15                                 |                            |        | D              | 8                              | Cr      | 8.49       |  |
|                                                                                       |    | E                            | 320                          | Cr                          | 320                                                | 2 x 4∅                                                                                | Y4   | M10x13                           | Pg  | OK      |                                    | ∅                          | S1     | 200            | Cr                             | 200     |            |  |
|                                                                                       |    | O                            | 20                           | Cr                          | 20                                                 |                                                                                       |      | F1                               | 60  | Cr      | 60.98                              |                            | ∅      | Y1             | M12                            | Pg      | OK         |  |
|                                                                                       |    | P1                           | 40                           | Cr                          | 40                                                 |                                                                                       |      | F2                               | 30  | Cr      | 30.32                              | No-load input torque       |        |                |                                |         |            |  |
|                                                                                       |    | P2                           | 40                           | Cr                          | 40                                                 | 2 x 1∅                                                                                | Y7   | 14                               | µm  | 14      |                                    |                            |        |                |                                |         |            |  |
|                                                                                       |    | P3                           | 40                           | Cr                          | 40                                                 | 2 x 4∅                                                                                | Y6   | 22                               | µm  | 22      | Line 1                             |                            | 1,8 Nm |                |                                |         |            |  |
|                                                                                       |    | P4                           | 40                           | Cr                          | 40                                                 | 2 x 5∅                                                                                | Y5   | 33                               | µm  | 33      |                                    |                            |        |                |                                |         |            |  |
|                                                                                       |    | T                            | 20                           | Cr                          | 20                                                 |                                                                                       | M H6 | 15 <sup>+0,011<br/>0</sup>       | Cmm | 15,001  |                                    |                            | Line   | Stiffness      |                                |         |            |  |
|                                                                                       |    | U                            | 37                           | Cr                          | 37                                                 |  | m    | 0,05                             | Cmm | 0,012   |                                    |                            |        |                |                                |         |            |  |
| 2 x 1∅                                                                                | Y3 | M10x13                       | Pg                           | OK                          |                                                    |                                                                                       | N    | 72,5 <sup>+0,1<br/>-0,1</sup>    | Cmm | 72,48   | Torsional stiffness<br>(Nm/arcmin) |                            | 1      | 574,81         |                                |         |            |  |
|                                                                                       | R  | 255 <sup>+0,2<br/>+0,1</sup> | Cmm                          | 255,132                     | A                                                  |                                                                                       | W    | 158 <sup>+0,035<br/>-0,035</sup> | Cmm | 158,009 |                                    |                            |        |                |                                |         |            |  |
|  | r  | 0,1                          | Cmm                          | 0,031                       |                                                    | //                                                                                    | w    | 0,03                             | /A  | Cmm     | 0,017                              | Radial stiffness<br>(N/µm) |        | 1              | 1003                           |         |            |  |
|                                                                                       |    |                              |                              |                             |                                                    |                                                                                       |      |                                  |     |         |                                    |                            |        |                |                                |         |            |  |
| OUTPUT PINION                                                                         |    |                              |                              |                             |                                                    |                                                                                       |      |                                  |     |         | Noise level                        |                            |        |                |                                |         |            |  |
|                                                                                       |    |                              |                              |                             |                                                    |                                                                                       |      | O2055                            |     |         |                                    | @1300 rpm input (dB(A))    |        |                |                                | 59,5    |            |  |
| Span dimension over 3 teeth                                                           |    |                              |                              |                             |                                                    |                                                                                       |      |                                  |     |         |                                    |                            |        |                |                                |         |            |  |
|                                                                                       |    | G1                           |                              | 46,9 <sup>0<br/>-0,03</sup> |                                                    | Cmm                                                                                   |      | 46,89                            |     |         |                                    |                            |        |                |                                |         |            |  |
|  |    | g1                           |                              | 0,022                       |                                                    | Di                                                                                    |      | 0,02                             |     |         |                                    |                            |        |                |                                |         |            |  |

Date: 24/02/2017

Visa: J ONGANER

Version: A