

| KRPX              |                      | Page                                  |
|-------------------|----------------------|---------------------------------------|
| Performance sheet | RX183-007-D          | 1/2                                   |
| CUSTOMER:         | MAKINO               | CUSTOMER ORDER REF: 161208IB-3 MAKINO |
| DISTRIBUTOR:      | S & F INC            | REDEX ORDER REF: 211424               |
| DESIGNATION:      | KRPX4+M.21.3.H.35/48 | SERIAL NUMBER: 899877                 |
| 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: 899877 |
|                                   |             |            |

|                             |  |  |  |     |                                                    |                              |                              |             |       |        |               |                             |     |                            |                                  |                      |            |         |                                    |           |     |                                |      |       |  |
|-----------------------------|--|--|--|-----|----------------------------------------------------|------------------------------|------------------------------|-------------|-------|--------|---------------|-----------------------------|-----|----------------------------|----------------------------------|----------------------|------------|---------|------------------------------------|-----------|-----|--------------------------------|------|-------|--|
| 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 |                                    |           |     |                                |      |       |  |
|                             |  |  |  |     |                                                    | M5465                        |                              |             |       |        |               | 81                          |     |                            |                                  |                      |            |         |                                    |           |     |                                |      |       |  |
| Y2                          |  |  |  |     |                                                    | M8x16                        | Pg                           | OK          |       | L1     |               |                             |     | 81                         | Cr                               | Ø                    |            |         |                                    | B         | 115 | µm                             | 115  |       |  |
| Ø                           |  |  |  |     |                                                    | S2                           | 234 <sup>+0,1<br/>-0,1</sup> | Cr          | 234   |        | J             |                             |     |                            | 185                              | Cr                   | Ø          |         |                                    |           | C   | 35 <sup>+0,05<br/>+0,025</sup> | µm   | 35.03 |  |
| A                           |  |  |  |     |                                                    | 436                          | µm                           | 437.46      |       | K      |               |                             |     | 15                         | Cr                               |                      |            |         |                                    | D         | 8   | Cr                             | 8.54 |       |  |
| E                           |  |  |  |     |                                                    | 320                          | Cr                           | 320         |       | 2 x 4Ø | Y4            | M10x13                      | Pg  | OK                         |                                  | Ø                    |            |         |                                    | S1        | 200 | Cr                             | 200  |       |  |
| O                           |  |  |  |     |                                                    | 20                           | Cr                           | 20          |       | F1     |               |                             |     | 60                         | Cr                               | Ø                    |            |         |                                    | Y1        | M12 | Pg                             | OK   |       |  |
| P1                          |  |  |  |     |                                                    | 40                           | Cr                           | 40          |       | F2     |               |                             |     | 30                         | Cr                               |                      |            |         |                                    |           |     |                                |      |       |  |
| 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               |            |         |                                    | 2,2 Nm    |     |                                |      |       |  |
| P4                          |  |  |  |     |                                                    | 40                           | Cr                           | 40          |       | 2 x 5Ø | Y5            | 33                          | µm  | 33                         |                                  |                      |            |         |                                    |           |     |                                |      |       |  |
| T                           |  |  |  |     |                                                    | 20                           | Cr                           | 20          |       | M H6   |               |                             |     | 15 <sup>+0,011<br/>0</sup> | Cmm                              | 15,007               |            | Line    |                                    | Stiffness |     |                                |      |       |  |
| U                           |  |  |  |     |                                                    | 37                           | Cr                           | 37          |       | ⊥      |               |                             |     | m                          | 0,05                             | Cmm                  | 0,044      |         | Torsional stiffness<br>(Nm/arcmin) |           | 1   | 574,81                         |      |       |  |
| 2 x 1Ø                      |  |  |  |     |                                                    | Y3                           | M10x13                       | Pg          | OK    |        | N             |                             |     |                            | 72,5 <sup>+0,1<br/>-0,1</sup>    | Cmm                  | 72,506     |         |                                    |           |     |                                |      |       |  |
| R                           |  |  |  |     |                                                    | 255 <sup>+0,2<br/>+0,1</sup> | Cmm                          | 255,135     |       | A      | W             |                             |     |                            | 158 <sup>+0,035<br/>-0,035</sup> | Cmm                  | 157,997    |         | Radial stiffness<br>(N/µm)         |           | 1   | 1218                           |      |       |  |
| ⊙                           |  |  |  |     |                                                    | r                            | 0,1                          | Cmm         | 0,006 |        | //            | w                           |     |                            |                                  | 0,03                 | /A         | Cmm     | 0,006                              |           |     |                                |      |       |  |
|                             |  |  |  |     |                                                    |                              |                              |             |       |        |               |                             |     |                            |                                  |                      |            |         |                                    |           |     |                                |      |       |  |
| OUTPUT PINION               |  |  |  |     |                                                    |                              |                              |             |       |        |               | Noise level                 |     |                            |                                  |                      |            |         |                                    |           |     |                                |      |       |  |
| O2054                       |  |  |  |     |                                                    |                              |                              |             |       |        |               | @1300 rpm input (dB(A))     |     |                            |                                  |                      |            | 64,5    |                                    |           |     |                                |      |       |  |
| Span dimension over 3 teeth |  |  |  |     |                                                    |                              |                              |             |       |        |               |                             |     |                            |                                  |                      |            |         |                                    |           |     |                                |      |       |  |
| G1                          |  |  |  |     |                                                    |                              |                              |             |       |        |               | 46,9 <sup>0<br/>-0,03</sup> | Cmm | 46,89                      |                                  |                      |            |         |                                    |           |     |                                |      |       |  |
| ↗<br>g1                     |  |  |  |     |                                                    |                              |                              |             |       |        |               | 0,022                       | Di  | 0,02                       |                                  |                      |            |         |                                    |           |     |                                |      |       |  |

Date: 24/02/2017

Visa: J ONGANER

Version: A