

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                             |                                                 |                                                                          |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------|---------|---------------------------------|-----------|------------------------------------------|-------------------------------------------------|----------------|--------|------------|----|---------------|----|----------------|----|------------|---------|--|--|--|---------------|--|--|--|--------------|--|--|--|-------------|--|---------|--|-------------|--|---------|--|-------------|--|---------|--|--|--|-------|--|--|--|-------|--|--|--|--|--|----|----------------------------------------|---------|-----------------------------|--|--|--|---|---|-----|----|--------|----|----------------------------------------|--------|----|-----------------------------------------|--------|---|---|------------------------------------------|-------|----------------|--------------------|-----------------------|----|-------|---------|---|---|---|--------|---|-----|-----------|----------------------|--|--|--|---|----|-----|--------|---|----|----------|--------|--|--|--|---|----|-----|--------|--|--|--|--|--|--|-------------|--|--|--|--|--|--|--|--|--|--|--|------|-----------|-------------------------|--|------|--|--|--|--|--|--|--|---------------------------------|---|-------|--|--|--|--|--|--|--|--|--|-------------------------|---|-----|
| KRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                        |                                             |                                                 | Page                                                                     |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| PERFORMANCE SHEET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        | RX183-006-A                                 |                                                 | 1/2                                                                      |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| CUSTOMER: BERTSCHE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        | CUSTOMER ORDER REF: 27604-00 BERTSCHE       |                                                 | EXTERNAL DIMENSIONS & INTERFACES: SN: 900934                             |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| DISTRIBUTOR: ANDANTEX INCORPORATED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        | REDEX ORDER REF: 212258                     |                                                 |                                                                          |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| DESIGNATION: KRP1+M.10.3.H.28/38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                        | SERIAL NUMBER: 900934                       |                                                 |                                                                          |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| CODE: RX129833-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        | MOTOR FLANGE CODE: RX129461-01              |                                                 |                                                                          |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| For the installation, please refer to User Manual KRP (182/008)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                             |                                                 |                                                                          |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| SPECIFIC REMARKS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |                                             |                                                 |                                                                          |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| <table><tr><td colspan="2">General tolerance: Js13</td><td>Cmm</td><td colspan="2">Automatic / manual coordinate-measuring machine</td><td>µm</td><td>Micrometer</td><td>Cr</td><td>Calliper rule</td><td>Di</td><td>Dial indicator</td><td>Pg</td><td>Plug gauge</td></tr><tr><td colspan="4">HOUSING</td><td colspan="4">OUTPUT PINION</td><td colspan="4">MOTOR FLANGE</td></tr><tr><td colspan="2">requirement</td><td colspan="2">measure</td><td colspan="2">requirement</td><td colspan="2">measure</td><td colspan="2">requirement</td><td colspan="2">measure</td></tr><tr><td colspan="2"></td><td colspan="2">A5161</td><td colspan="2"></td><td colspan="2">N1605</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td>E1</td><td>152h7<sup>0</sup><sub>-0,04</sub> µm</td><td>151,985</td><td colspan="4">Span dimension over 3 teeth</td><td>Ø</td><td>B</td><td>131</td><td>µm</td><td>130,95</td></tr><tr><td>E2</td><td>140h7<sup>0</sup><sub>-0,04</sub> µm</td><td>139,98</td><td>G1</td><td>23,28<sup>0</sup><sub>-0,03</sub> Cmm</td><td>23,265</td><td>Ø</td><td>C</td><td>32<sup>+0,05</sup><sub>+0,025</sub> µm</td><td>32,05</td></tr><tr><td>n x H on PCD J</td><td>12 Ø6,5 on PCD 168</td><td>Cr 12 Ø6,5 on PCD 168</td><td>g1</td><td>0,021</td><td>Di 0,01</td><td>Ø</td><td>D</td><td>5</td><td>Cr 5,5</td></tr><tr><td>A</td><td>202</td><td>µm 202,95</td><td colspan="4">No-load input torque</td><td>Ø</td><td>S1</td><td>165</td><td>Cr 165</td></tr><tr><td>L</td><td>71</td><td>µm 70,78</td><td colspan="4">Line 1</td><td>Ø</td><td>Y1</td><td>M10</td><td>Pg M10</td></tr><tr><td colspan="6"></td><td colspan="6">Noise level</td></tr><tr><td colspan="6"></td><td>Line</td><td>Stiffness</td><td colspan="2">@1600 rpm input (dB(A))</td><td colspan="2">61,5</td></tr><tr><td colspan="6"></td><td>Torsional stiffness (Nm/arcmin)</td><td>1</td><td>81,39</td><td colspan="3" rowspan="2"></td></tr><tr><td colspan="6"></td><td>Radial stiffness (N/µm)</td><td>1</td><td>316</td></tr></table> |                                        |                                             |                                                 |                                                                          |         | General tolerance: Js13         |           | Cmm                                      | Automatic / manual coordinate-measuring machine |                | µm     | Micrometer | Cr | Calliper rule | Di | Dial indicator | Pg | Plug gauge | HOUSING |  |  |  | OUTPUT PINION |  |  |  | MOTOR FLANGE |  |  |  | requirement |  | measure |  | requirement |  | measure |  | requirement |  | measure |  |  |  | A5161 |  |  |  | N1605 |  |  |  |  |  | E1 | 152h7 <sup>0</sup> <sub>-0,04</sub> µm | 151,985 | Span dimension over 3 teeth |  |  |  | Ø | B | 131 | µm | 130,95 | E2 | 140h7 <sup>0</sup> <sub>-0,04</sub> µm | 139,98 | G1 | 23,28 <sup>0</sup> <sub>-0,03</sub> Cmm | 23,265 | Ø | C | 32 <sup>+0,05</sup> <sub>+0,025</sub> µm | 32,05 | n x H on PCD J | 12 Ø6,5 on PCD 168 | Cr 12 Ø6,5 on PCD 168 | g1 | 0,021 | Di 0,01 | Ø | D | 5 | Cr 5,5 | A | 202 | µm 202,95 | No-load input torque |  |  |  | Ø | S1 | 165 | Cr 165 | L | 71 | µm 70,78 | Line 1 |  |  |  | Ø | Y1 | M10 | Pg M10 |  |  |  |  |  |  | Noise level |  |  |  |  |  |  |  |  |  |  |  | Line | Stiffness | @1600 rpm input (dB(A)) |  | 61,5 |  |  |  |  |  |  |  | Torsional stiffness (Nm/arcmin) | 1 | 81,39 |  |  |  |  |  |  |  |  |  | Radial stiffness (N/µm) | 1 | 316 |
| General tolerance: Js13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        | Cmm                                         | Automatic / manual coordinate-measuring machine |                                                                          | µm      | Micrometer                      | Cr        | Calliper rule                            | Di                                              | Dial indicator | Pg     | Plug gauge |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| HOUSING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        |                                             |                                                 | OUTPUT PINION                                                            |         |                                 |           | MOTOR FLANGE                             |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                        | measure                                     |                                                 | requirement                                                              |         | measure                         |           | requirement                              |                                                 | measure        |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        | A5161                                       |                                                 |                                                                          |         | N1605                           |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| E1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 152h7 <sup>0</sup> <sub>-0,04</sub> µm | 151,985                                     | Span dimension over 3 teeth                     |                                                                          |         |                                 | Ø         | B                                        | 131                                             | µm             | 130,95 |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| E2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 140h7 <sup>0</sup> <sub>-0,04</sub> µm | 139,98                                      | G1                                              | 23,28 <sup>0</sup> <sub>-0,03</sub> Cmm                                  | 23,265  | Ø                               | C         | 32 <sup>+0,05</sup> <sub>+0,025</sub> µm | 32,05                                           |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| n x H on PCD J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12 Ø6,5 on PCD 168                     | Cr 12 Ø6,5 on PCD 168                       | g1                                              | 0,021                                                                    | Di 0,01 | Ø                               | D         | 5                                        | Cr 5,5                                          |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 202                                    | µm 202,95                                   | No-load input torque                            |                                                                          |         |                                 | Ø         | S1                                       | 165                                             | Cr 165         |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 71                                     | µm 70,78                                    | Line 1                                          |                                                                          |         |                                 | Ø         | Y1                                       | M10                                             | Pg M10         |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                             |                                                 |                                                                          |         | Noise level                     |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                             |                                                 |                                                                          |         | Line                            | Stiffness | @1600 rpm input (dB(A))                  |                                                 | 61,5           |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                             |                                                 |                                                                          |         | Torsional stiffness (Nm/arcmin) | 1         | 81,39                                    |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                             |                                                 |                                                                          |         | Radial stiffness (N/µm)         | 1         | 316                                      |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| Date: 18/11/2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                        |                                             |                                                 | Visa: C DE MIRANDA                                                       |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| Version: A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |                                             |                                                 |                                                                          |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| Product images are for illustrative purposes only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |                                             |                                                 |                                                                          |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| REDEX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                        | ZI-BP79<br>F45210 FERRIERES<br>www.redex.fr |                                                 | Tel: +33 2 38 94 42 00<br>Fax: +33 2 38 94 42 99<br>Email: info@redex.fr |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |
| REDEX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                        | ZI-BP79<br>F45210 FERRIERES<br>www.redex.fr |                                                 | Tel: +33 2 38 94 42 00<br>Fax: +33 2 38 94 42 99<br>Email: info@redex.fr |         |                                 |           |                                          |                                                 |                |        |            |    |               |    |                |    |            |         |  |  |  |               |  |  |  |              |  |  |  |             |  |         |  |             |  |         |  |             |  |         |  |  |  |       |  |  |  |       |  |  |  |  |  |    |                                        |         |                             |  |  |  |   |   |     |    |        |    |                                        |        |    |                                         |        |   |   |                                          |       |                |                    |                       |    |       |         |   |   |   |        |   |     |           |                      |  |  |  |   |    |     |        |   |    |          |        |  |  |  |   |    |     |        |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |      |           |                         |  |      |  |  |  |  |  |  |  |                                 |   |       |  |  |  |  |  |  |  |  |  |                         |   |     |