

| DRP               |                          | Page                                      |
|-------------------|--------------------------|-------------------------------------------|
| Performance sheet | RX183/005-B              | 1/2                                       |
| CUSTOMER:         | SPARK                    | CUSTOMER ORDER REF: *RXCN2025012306 SPARK |
| DISTRIBUTOR:      | REDEX SHANGHAI REPAIRING | REDEX ORDER REF: 219880                   |
| DESIGNATION:      | DRP4+R.91.4.H            | SERIAL NUMBER: 909669                     |
| CODE:             | RX129047-33              | MOTOR FLANGE CODE: RX129551-03            |

Mechanical preload data

The preload torque of the gearbox in DUALDRIVE configuration depends on the application data and features of the gearbox.

The preload torque can be increased but must never exceed the maximum value indicated below.

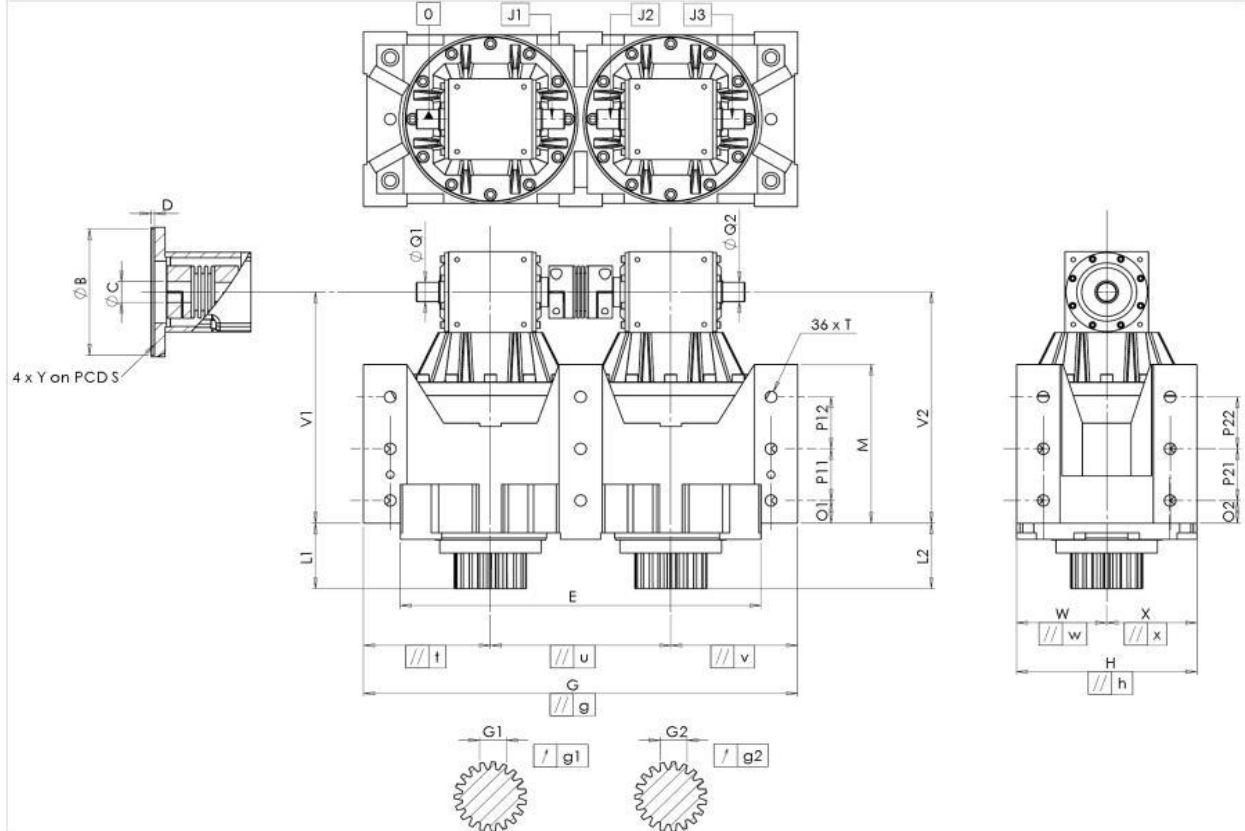
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

|                            |                       |
|----------------------------|-----------------------|
| Optimal preload torque Tp: | Following application |
| Maximum preload torque:    | 18,1 Nm               |

For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

| DRP                                                                                 |             | Page       |
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| Performance sheet                                                                   | RX183/005-B | 2/2        |
| EXTERNAL DIMENSIONS & INTERFACES:                                                   |             | SN: 909669 |
|  |             |            |

|                         |  |    |                                        |     |                                                 |                             |             |     |                                     |              |                                   |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
|-------------------------|--|----|----------------------------------------|-----|-------------------------------------------------|-----------------------------|-------------|-----|-------------------------------------|--------------|-----------------------------------|---------|---------------------------------|-------------|----|-------------------------------------------|----|---------|------------|--|-------------------------|-----------|---|------|
| General tolerance: Js13 |  |    |                                        | Cmm | Automatic / manual coordinate-measuring machine |                             |             |     | µm                                  | Micrometer   |                                   | Cr      | Calliper rule                   |             | Di | Dial indicator                            |    | Pg      | Plug gauge |  |                         |           |   |      |
| HOUSING                 |  |    |                                        |     | HOUSING                                         |                             |             |     |                                     | MOTOR FLANGE |                                   |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
| requirement             |  |    |                                        |     | measure                                         |                             | requirement |     |                                     |              |                                   | measure |                                 | requirement |    |                                           |    |         | measure    |  |                         |           |   |      |
|                         |  |    |                                        |     | G5867                                           |                             |             |     |                                     |              |                                   | O1 43   |                                 | Cr          | 43 |                                           |    |         |            |  |                         | H3015     |   |      |
|                         |  | E  | 640 <sup>0</sup> <sub>-0,1</sub>       | Cmm | 639.982                                         |                             |             | P11 | 100                                 | Cr           | 100                               |         |                                 | Ø           | B  | 114,3 <sup>+0,047</sup> <sub>+0,012</sub> | µm | 114.315 |            |  |                         |           |   |      |
|                         |  | G  | 800 <sup>+0,2</sup> <sub>-0,2</sub>    | Cmm | 800.021                                         |                             |             | P12 | 100                                 | Cr           | 100                               |         |                                 | Ø           | C  | 35 <sup>+0,05</sup> <sub>+0,025</sub>     | µm | 35.025  |            |  |                         |           |   |      |
| //                      |  | g  | 0,05                                   | Cmm | 0.014                                           |                             |             | M   | 288 <sup>+0,1</sup> <sub>-0,1</sub> | Cmm          | 287.993                           |         |                                 |             | D  | 18                                        | Cr | 18      |            |  |                         |           |   |      |
| //                      |  | t  | 0,05                                   | Cmm | 0.001                                           |                             |             | O2  | 43                                  | Cr           | 43                                |         |                                 | Ø           | S  | 200                                       | Cr | 200     |            |  |                         |           |   |      |
| //                      |  | u  | 0,035                                  | Cmm | 0.005                                           |                             |             | P21 | 100                                 | Cr           | 100                               |         |                                 | Ø           | Y  | M12                                       | Pg | M12     |            |  |                         |           |   |      |
| //                      |  | v  | 0,05                                   | Cmm | 0.007                                           |                             |             | P22 | 100                                 | Cr           | 100                               |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
|                         |  | W  | 160                                    | Cmm | 159.998                                         |                             | Ø           | T   | M24                                 | Pg           | M24                               |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
| //                      |  | w  | 0,04                                   | Cmm | 0.001                                           | OUTPUT PINION               |             |     |                                     |              |                                   |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
|                         |  | X  | 160                                    | Cmm | 159.989                                         | Pinion 1                    |             |     |                                     |              | G6978                             |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
| //                      |  | x  | 0,04                                   | Cmm | 0.003                                           | Span dimension over 3 teeth |             |     |                                     |              |                                   |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
|                         |  | H  | 320 <sup>+0,04</sup> <sub>-0,04</sub>  | Cmm | 319.987                                         |                             |             | G1  | 46,9 <sup>0</sup> <sub>-0,03</sub>  | Cmm          | 46.88                             |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
| //                      |  | h  | 0,02                                   | Cmm | 0.019                                           |                             | ↗           | g1  | 0,022                               | Di           | 0.01                              |         |                                 |             |    |                                           |    |         |            |  | Line                    | Stiffness |   |      |
|                         |  | V1 | 435                                    | Cmm | 435.186                                         | Pinion 2                    |             |     |                                     |              | G6971                             |         | Torsional stiffness (Nm/arcmin) |             |    |                                           |    |         |            |  | 1                       | 745,99    |   |      |
|                         |  | L1 | 120                                    | Cmm | 120.16                                          | Span dimension over 3 teeth |             |     |                                     |              |                                   |         |                                 |             |    |                                           |    |         |            |  | 2                       | 745,99    |   |      |
|                         |  | V2 | 435                                    | Cmm | 435.201                                         | L2                          |             |     |                                     |              | 120 <sup>0</sup> <sub>-0,03</sub> | Cmm     | 46.875                          |             |    |                                           |    |         |            |  | Radial stiffness (N/µm) |           | 1 | 1252 |
|                         |  | L2 | 120                                    | Cmm | 120.114                                         |                             | ↗           | g2  | 0,022                               | Di           | 0.01                              | 2       |                                 | 1275        |    |                                           |    |         |            |  |                         |           |   |      |
| Ø                       |  | Q1 | 35 <sup>+0,011</sup> <sub>-0,005</sub> | Cmm | 35.007                                          | No-load input torque        |             |     |                                     |              | Noise level                       |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
| Ø                       |  | Q2 | 35 <sup>+0,011</sup> <sub>-0,005</sub> | Cmm | 35.001                                          |                             |             |     |                                     |              | @1300 rpm input (dB(A))           |         |                                 |             |    | 71.5                                      |    |         |            |  |                         |           |   |      |
|                         |  | J1 | /0                                     | Di  | 0.01                                            | Line                        |             |     |                                     |              | 2,3 Nm                            |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
|                         |  | J2 | /0                                     | Di  | 0.02                                            | Line 2                      |             |     |                                     |              | 2,7 Nm                            |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |
|                         |  | J3 | /0                                     | Di  | 0.01                                            |                             |             |     |                                     |              |                                   |         |                                 |             |    |                                           |    |         |            |  |                         |           |   |      |

Date: 30/04/2025      Visa: C DE MIRANDA

Version: A