

CUSTOMER: SPARK CUSTOMER ORDER REF: *RXCN20220527046 SPARK
 DISTRIBUTOR: REDEX SHANGHAI REPAIRING REDEX ORDER REF: 216982
 DESIGNATION: DRP3+R.91.4.H SERIAL NUMBER: 906987
 CODE: RX128771-33 MOTOR FLANGE CODE: RX129474-03

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: | 10 Nm |

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

SPECIFIC REMARKS:

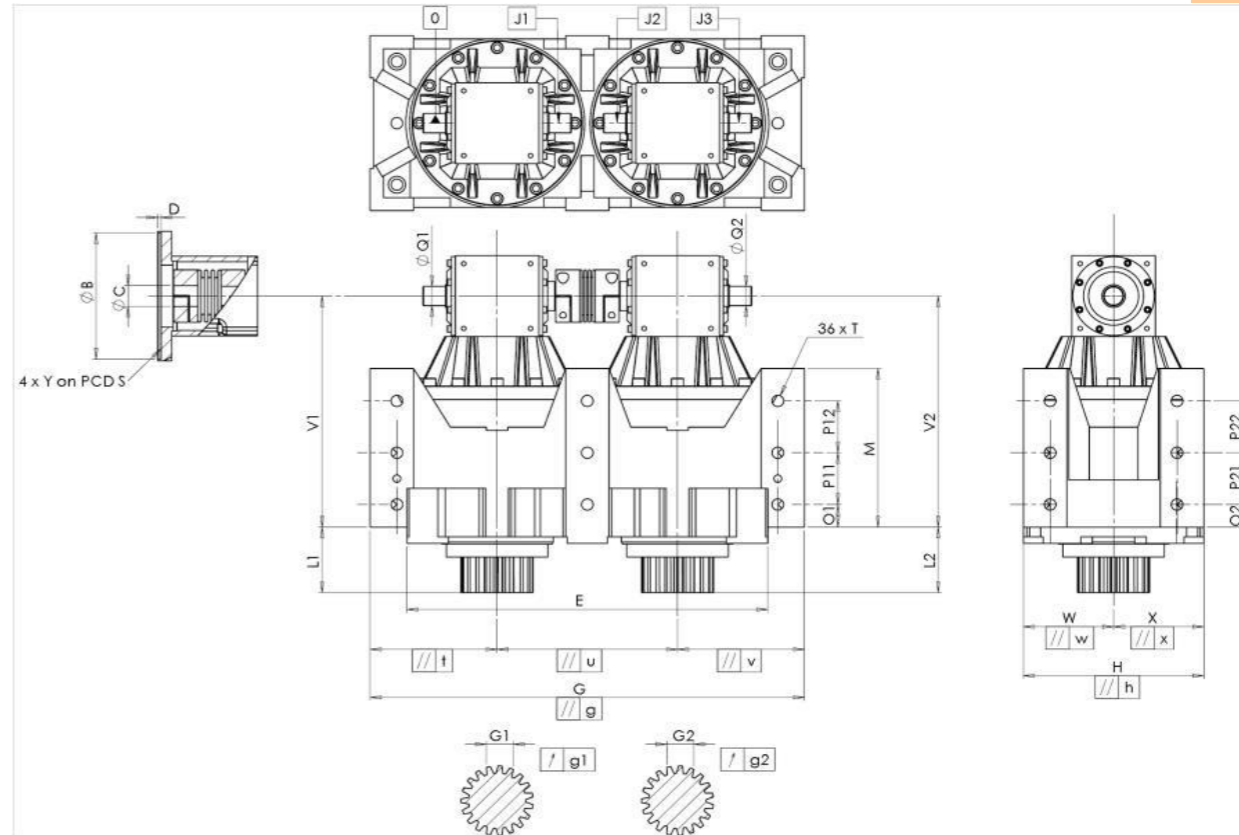
Product images are for illustrative purposes only.



1, Rue Paul De Fontenay
F- 45210 FERRIERES
www.redex-group.com

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex-group.com

EXTERNAL DIMENSIONS & INTERFACES: SN: 906987



| 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 | | E3433 | | | | |
| | E | 540 ⁰ _{-0,1} | Cmm | 539,992 | O1 | 35 | Cr | 35 | ∅ | B | 180 ^{+0,054} _{+0,014} | µm | 180,014 |
| | G | 650 ^{+0,2} _{-0,2} | Cmm | 650,028 | P11 | 80 | Cr | 80 | ∅ | C | 38 ^{+0,05} _{+0,025} | µm | 38,05 |
| // | g | 0,045 | Cmm | 0,022 | M | 245 ^{+0,1} _{-0,1} | Cmm | 244,938 | | D | 8 | Cr | 8,09 |
| // | t | 0,045 | Cmm | 0,004 | O2 | 35 | Cr | 35 | ∅ | S | 215 | Cr | 214,98 |
| // | u | 0,035 | Cmm | 0,013 | P21 | 80 | Cr | 80 | ∅ | Y | M12 | Pg | M12 |
| // | v | 0,045 | Cmm | 0,008 | P22 | 80 | Cr | 80 | | | | | |
| | W | 135 | Cmm | 135,006 | ∅ | T | M20 | Pg | M20 | | | | |
| // | w | 0,035 | Cmm | 0,007 | OUTPUT PINION | | | | | | | | |
| | X | 135 | Cmm | 135,021 | Pinion 1 | | | | F2553 | | | | |
| // | x | 0,035 | Cmm | 0,008 | Span dimension over 3 teeth | | | | | | | | |
| | H | 270 ^{+0,04} _{-0,04} | Cmm | 270,027 | G1 | 39,25 ⁰ _{-0,03} | Cmm | 39,24 | | | | | |
| // | h | 0,02 | Cmm | 0,015 | g1 | 0,022 | Di | 0,02 | | | | | |
| | V1 | 357 | Cmm | 356,964 | Pinion 2 | | | | F2556 | | | | |
| | L1 | 101 | Cmm | 101,227 | Span dimension over 3 teeth | | | | | | | | |
| | V2 | 357 | Cmm | 357,02 | G2 | 39,25 ⁰ _{-0,03} | Cmm | 39,235 | | | | | |
| | L2 | 101 | Cmm | 101,222 | g2 | 0,022 | Di | 0,015 | | | | | |
| ∅ | Q1 | 30 ^{+0,009} _{-0,004} | Cmm | 30,003 | No-load input torque | | | | | | | | |
| ∅ | Q2 | 30 ^{+0,009} _{-0,004} | Cmm | 30,009 | Line | 0,9 Nm | | | Noise level | | | | |
| | J1 | /0 | Di | -0,02 | Line 2 | 0,9 Nm | | | @ 1600 rpm input (dB(A)) | | | | |
| | J2 | /0 | Di | -0,02 | | | | | 74,5 | | | | |
| | J3 | /0 | Di | -0,02 | | | | | | | | | |

Date: 22/11/2022

Visa: C DE MIRANDA

Version: A



1, Rue Paul De Fontenay
F- 45210 FERRIERES
www.redex-group.com

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex-group.com