

DRP

Performance sheet

RX183/005-B

Page

1/2

CUSTOMER:CSF

CUSTOMER ORDER REF:*441 CSF

DISTRIBUTOR:REDEX ITALIA

REDEX ORDER REF:220403

DESIGNATION:DRP2.R1.31.4.H

SERIAL NUMBER:910395

CODE:RX135386-12

MOTOR FLANGE CODE:RX129506-02

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:

Maximum preload torque:

Following application

18,7 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX

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

DRP

Performance sheet

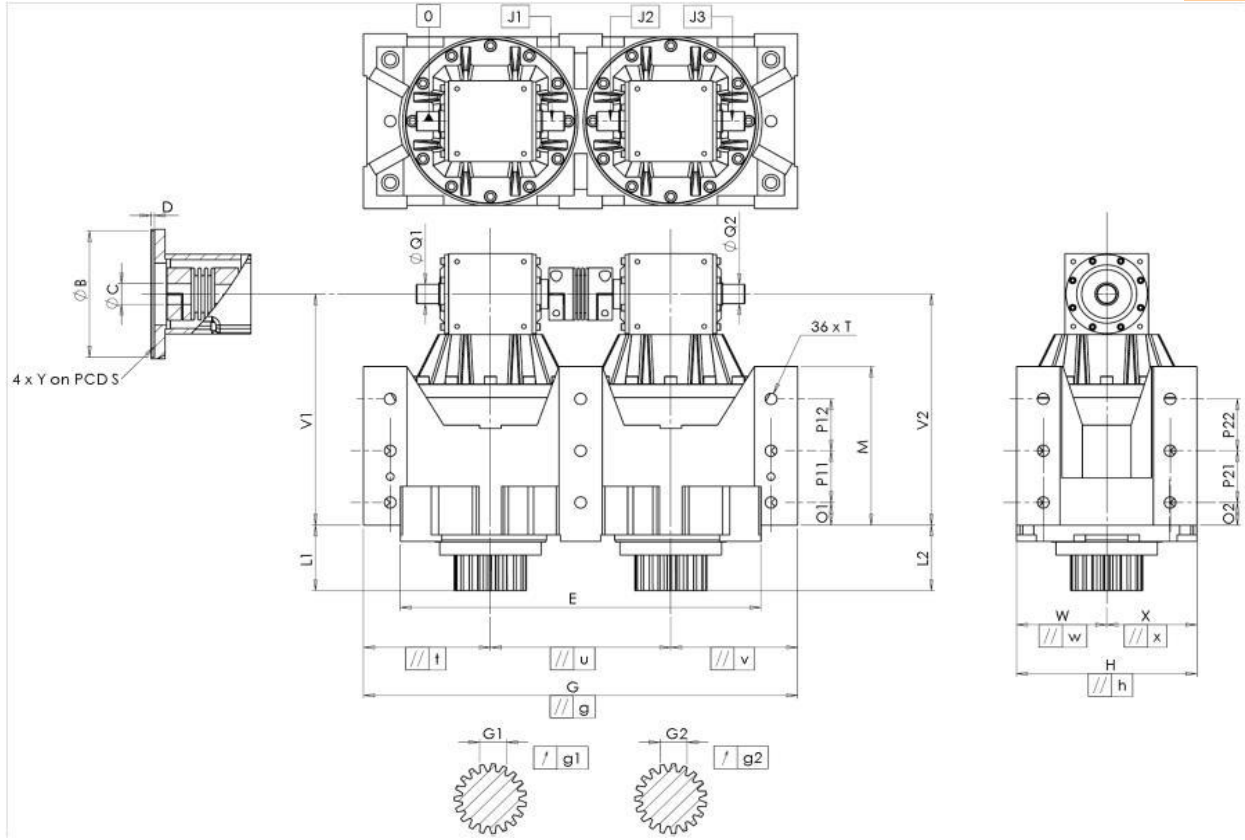
RX183/005-B

Page

2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN:910395



General tolerance: Js13

Cmm

Automatic / manual
coordinate-measuring machine

µm

Micrometer

Cr

Calliper rule

Di

Dial indicator

Pg

Plug gauge

HOUSING

requirement

measure

E

460

0
-0,05

Cmm

459.967

G

560

+0,1
-0,1

Cmm

559.984

//

g

0,045

Cmm

0.029

//

t

0,045

Cmm

0.002

//

u

0,03

Cmm

0.007

//

v

0,045

Cmm

0.006

W

115

Cmm

114.995

//

w

0,03

Cmm

0.001

X

115

Cmm

115.013

//

x

0,03

Cmm

0.003

H

230

+0,025
-0,025

Cmm

230.008

//

h

0,02

Cmm

0.02

V1

298

Cmm

298.145

L1

85

Cmm

85.041

V2

298

Cmm

298.142

L2

85

Cmm

85.095

Ø

Q1

25

+0,009
-0,004

Cmm

25.006

Ø

Q2

25

+0,009
-0,004

Cmm

25

J1

/0

Di

0.02

J2

/0

Di

0.03

J3

/0

Di

0.04

HOUSING

requirement

measure

O1

30

Cr

30

P11

75

Cr

75

P12

75

Cr

75

M

210

+0,1
-0,1

Cmm

209.995

O2

30

Cr

30

P21

75

Cr

75

P22

75

Cr

75

Ø

T

M16

Pg

M16

MOTOR FLANGE

requirement

measure

J5979

Ø

B

130

+0,054
+0,014

µm

130.03

Ø

C

32

+0,05
+0,025

µm

32.025

D

8

Cr

8.09

Ø

S

165

Cr

165

Ø

Y

M10

Pg

M10

OUTPUT PINION

Pinion 1

J3399

Span dimension over 4 teeth

G1

44,27

0
-0,03

Cmm

44.25

g1

0,022

Di

0.01

Pinion 2

J3390

Span dimension over 4 teeth

G2

44,27

0
-0,03

Cmm

44.25

g2

0,022

Di

0.01

No-load input torque

Line

1,8 Nm

Line 2

2,1 Nm

Line

Stiffness

Torsional stiffness
(Nm/arcmin)

1

243,75

2

243,75

Radial stiffness
(N/µm)

1

651

2

661

Noise level

@1600 rpm input (dB(A))

72.0

Date:13/01/2026

Visa:C DE MIRANDA

Version:A

REDEX

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