

DRP

Performance sheet

RX183/005-B

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CUSTOMER:SPARK

CUSTOMER ORDER REF:*RXCN2024010504 SPARK

DISTRIBUTOR:REDEX SHANGHAI REPAIRING

REDEX ORDER REF:218911

DESIGNATION:DRP3.R1.91.4.H

SERIAL NUMBER:908676

CODE:RX135482-33

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.

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EXTERNAL DIMENSIONS & INTERFACES:

SN:908676

General tolerance: Js13

Cmm

Automatic / manual coordinate-measuring machine

µm

Micrometer

Cr

Calliper rule

Di

Dial indicator

Pg

Plug gauge

HOUSING

requirement

measure

G421

E

540

⁰_{-0,1}

Cmm

539,99

G

650

^{+0,2}_{-0,2}

Cmm

650,006

//

g

0,045

Cmm

0,021

//

t

0,045

Cmm

0,006

//

u

0,035

Cmm

0,007

//

v

0,045

Cmm

0,004

W

135

Cmm

135,026

//

w

0,035

Cmm

0,01

X

135

Cmm

134,953

//

x

0,035

Cmm

0,009

H

270

^{+0,04}_{-0,04}

Cmm

269,978

//

h

0,02

Cmm

0,016

V1

357

Cmm

357,04

L1

101

Cmm

101,207

V2

357

Cmm

357,15

L2

101

Cmm

101,164

Ø

Q1

30

^{+0,009}_{-0,004}

Cmm

30,006

Ø

Q2

30

^{+0,009}_{-0,004}

Cmm

30,002

J1

/0

Di

0

J2

/0

Di

0,03

J3

/0

Di

0,02

HOUSING

requirement

measure

O1

35

Cr

35

P11

80

Cr

80

P12

80

Cr

80

M

245

^{+0,1}_{-0,1}

Cmm

244,984

O2

35

Cr

35

P21

80

Cr

80

P22

80

Cr

80

Ø

T

M20

Pg

M20

MOTOR FLANGE

requirement

measure

G4523

Ø

B

180

^{+0,054}_{+0,014}

µm

180,035

Ø

C

38

^{+0,05}_{+0,025}

µm

38,03

Ø

D

8

Cr

8,08

Ø

S

215

Cr

215

Ø

Y

M12

Pg

M12

OUTPUT PINION

Pinion 1

F5268

Span dimension over 3 teeth

G1

39,25

⁰_{-0,03}

Cmm

39,24

g1

0,022

Di

0,01

Pinion 2

F5279

Span dimension over 3 teeth

G2

39,25

⁰_{-0,03}

Cmm

39,232

g2

0,022

Di

0,01

No-load input torque

Line

1 Nm

Line 2

1 Nm

Torsional stiffness (Nm/arcmin)

1

473,03

2

473,03

Radial stiffness (N/µm)

1

912

2

942

Noise level

@1600 rpm input (dB(A))

72,0

Date:04/06/2024

Visa:C DE MIRANDA

Version:A

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