

DRP

Performance sheet

RX183/005-B

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CUSTOMER:ACCELTURK

CUSTOMER ORDER REF:*OFFER 29582 ACCELTURK

DISTRIBUTOR:REDEX ORDER REF:219034

DESIGNATION:DRP4+R.31.4.H

SERIAL NUMBER:908863

CODE:RX129047-12

MOTOR FLANGE CODE:RX129481-01

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

60,6 Nm

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

SPECIFIC REMARKS:

⁽¹⁾Accepted according to Redex derogation 14108

Product images are for illustrative purposes only.

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DRP

Performance sheet

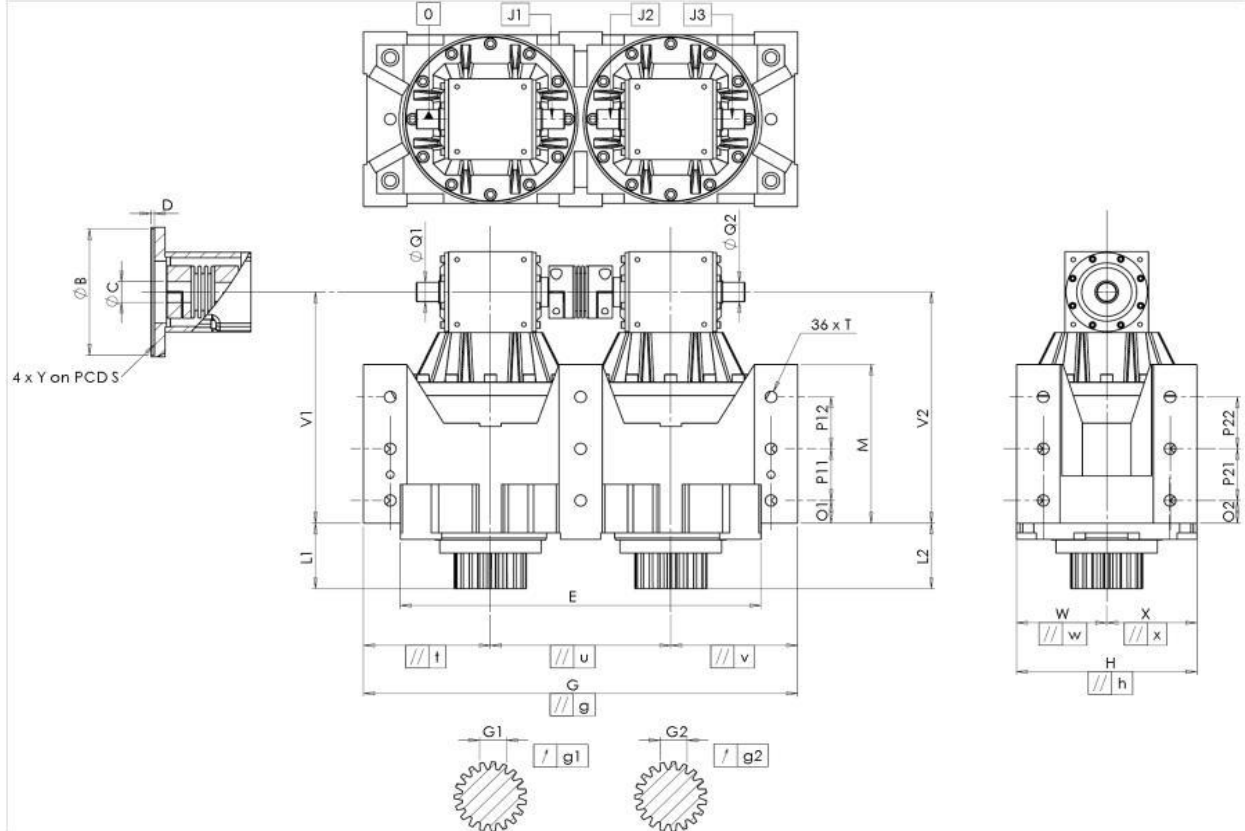
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EXTERNAL DIMENSIONS & INTERFACES:

SN:908863



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
			G1752	O1 43			Cr 43				H57
	E	640 ⁰ _{-0,1}	Cmm 639,969		P11	100	Cr 100	Ø	B	250 ^{+0,061} _{+0,015}	µm 250,02
	G	800 ^{+0,2} _{-0,2}	Cmm 800,127		P12	100	Cr 100	Ø	C	48 ^{+0,05} _{+0,025}	µm 48,05
//	g	0,05	Cmm 0,017		M	288 ^{+0,1} _{-0,1}	Cmm 288,064		D	8	Cr 8,08
//	t	0,05	Cmm 0,004		O2	43	Cr 43	Ø	S	300	Cr 299,96
//	u	0,035	Cmm 0,008		P21	100	Cr 100	Ø	Y	M16	Pg M16
//	v	0,05	Cmm 0,002		P22	100	Cr 100				
	W	160	Cmm 160,011	Ø	T	M24	Pg M24				
//	w	0,04	Cmm 0,004								
	X	160	Cmm 160,038								
//	x	0,04	Cmm 0,004								
	H	320 ^{+0,04} _{-0,04}	Cmm 320,049 ⁽¹⁾								
//	h	0,02	Cmm 0,014								
	V1	435	Cmm 435,139								
	L1	120	Cmm 120,088								
	V2	435	Cmm 435,108								
	L2	120	Cmm 120,025								
Ø	Q1	35 ^{+0,011} _{-0,005}	Cmm 35,011								
Ø	Q2	35 ^{+0,011} _{-0,005}	Cmm 35,01								
	J1	/0	Di 0,01								
	J2	/0	Di 0,02								
	J3	/0	Di 0,01								

OUTPUT PINION

Pinion 1

G4344

Span dimension over 3 teeth

G1 46,9⁰_{-0,03}

Cmm 46,88

g1 0,022

Di 0,02

Pinion 2

G3451

Span dimension over 3 teeth

G2 46,9⁰_{-0,03}

Cmm 46,88

g2 0,022

Di 0,02

No-load input torque

Line

2,9 Nm

Line 2

3,5 Nm

Torsional stiffness
(Nm/arcmin)

Radial stiffness
(N/µm)

Noise level

@1300 rpm input (dB(A))

Line

1

2

1

2

71,0

745,99

745,99

1016

975

Date:06/08/2024

Visa:C DE MIRANDA

Version:A

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