

DRP

Performance sheet

RX183/005-B

1/2

CUSTOMER:

ROUNDTOP MACHINERY

CUSTOMER ORDER REF:

CONTRACT RX103207T

DISTRIBUTOR:

REDEX ORDER REF:

208462

DESIGNATION:

DRP3+R.31.4.H

SERIAL NUMBER:

895798

CODE:

RX128771-12

MOTOR FLANGE CODE:

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

36,3 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

ZI-BP79

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REDEX ANDANTEX

DRP

Performance sheet

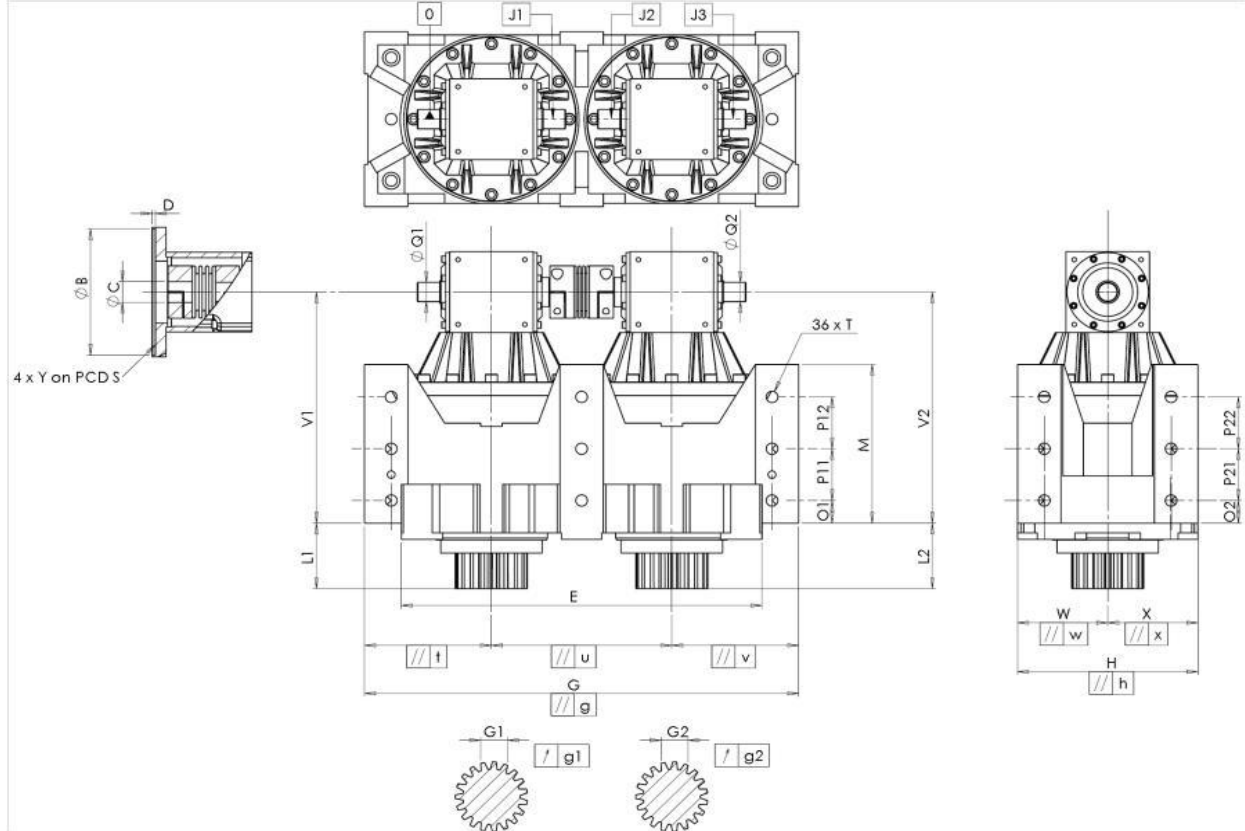
RX183/005-B

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EXTERNAL DIMENSIONS & INTERFACES:

SN:

895798



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		
			H7805						-		
	E	540 ⁰ _{-0,1}	Cmm	539,938		O1	35	Cr	35		
	G	650 ^{+0,2} _{-0,2}	Cmm	649,989		P11	80	Cr	80	Ø	B
						P12	80	Cr	80	Ø	C
//	g	0,045	Cmm	0,031		M	245 ^{+0,1} _{-0,1}	Cmm	244,931		D
//	t	0,045	Cmm	0,002		O2	35	Cr	35	Ø	S
//	u	0,035	Cmm	0,004		P21	80	Cr	80	Ø	Y
//	v	0,045	Cmm	0,009		P22	80	Cr	80		
	W	135	Cmm	134,988	Ø	T	M20	Pg	M20		
//	w	0,035	Cmm	0,025	OUTPUT PINION						
	X	135	Cmm	134,993	Pinion 1			R2079			
//	x	0,035	Cmm	0,007	Span dimension over 3 teeth						
	H	270 ^{+0,04} _{-0,04}	Cmm	269,981		G1	39,25 ⁰ _{-0,03}	Cmm	39,24		
//	h	0,02	Cmm	0,02	↗	g1	0,022	Di	0,02		
	V1	357	Cmm	357,23	Pinion 2			R2111			
	L1	101	Cmm	100,992	Span dimension over 3 teeth						
	V2	357	Cmm	357,24		G2	39,25 ⁰ _{-0,03}	Cmm	39,235		
	L2	101	Cmm	101,196	↗	g2	0,022	Di	0,015		
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30,001	No-load input torque						
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,002	Line 1			1,5 Nm			
	J1	/0	µm	0,01	Line 2			1,5 Nm			
	J2	/0	µm	0,01							
	J3	/0	µm	0,02							

Date:

28/05/2014

Visa:

JJ PELLÉ p.o. JP MOZZICONACCI

Version:

A

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Torsional stiffness (Nm/arcmin)

Radial stiffness (N/µm)

Noise level

@1600 rpm input (dB(A))

Line

Stiffness

1

2

1

2

74,0

428

450

873

935