

DRP

Performance sheet

RX183/005-B

Page1/2

CUSTOMER:TAIYOKOKI

CUSTOMER ORDER REF:181101IB-0 TAIYOKOKI

DISTRIBUTOR:S & F INC

REDEX ORDER REF:213729

DESIGNATION:DRP2+R.21.4.H

SERIAL NUMBER:902807

CODE:RX128950-11

MOTOR FLANGE CODE:RX129627-02

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

16,7 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX

ZI-BP79
F45210 FERRIERES
www.redex.fr

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

DRP

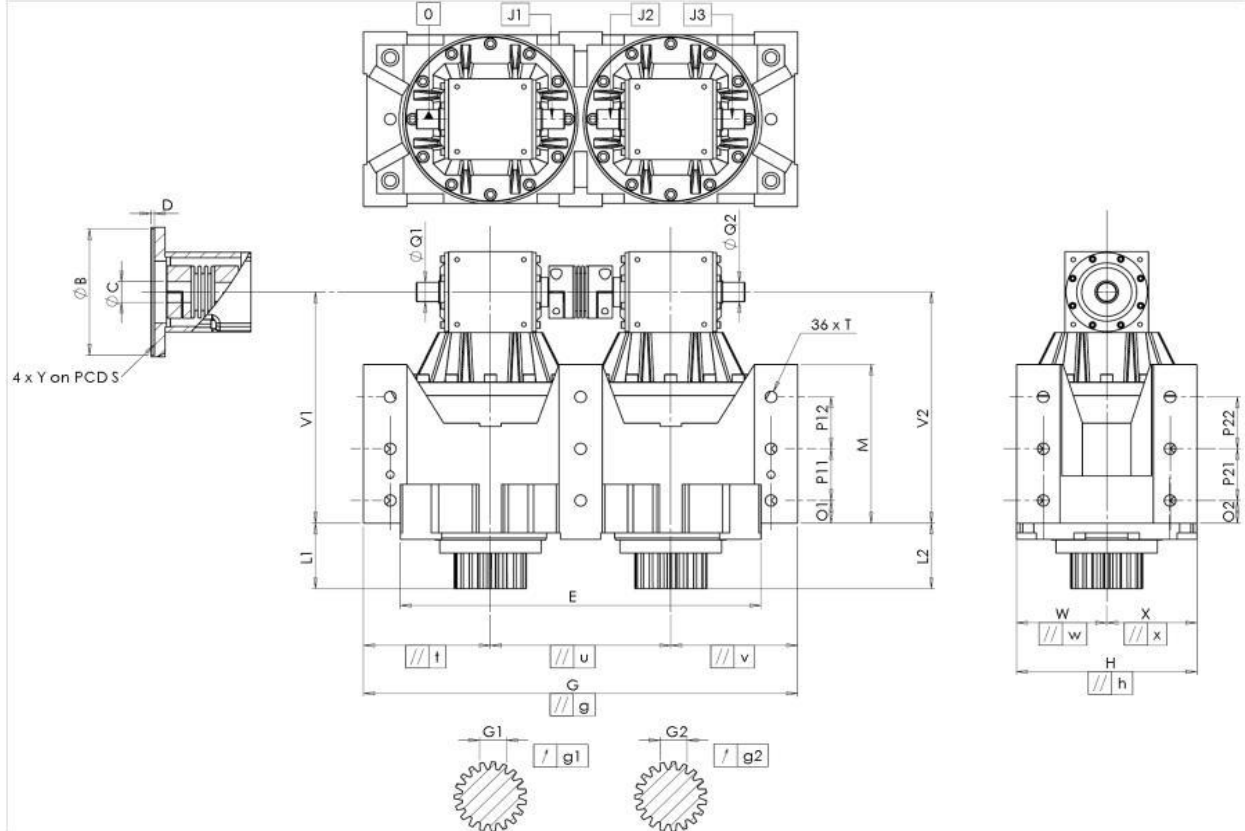
Performance sheet

RX183/005-B

Page2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN:902807



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
			B7494	O1 30			Cr 30				B5748
	E	460 ⁰ _{-0,05}	Cmm 459,982		P11	75	Cr 75	Ø	B	114,3 ^{+0,047} _{+0,012}	µm 114,321
	G	560 ^{+0,1} _{-0,1}	Cmm 559,944		P12	75	Cr 75	Ø	C	35 ^{+0,05} _{+0,025}	µm 35,05
//	g	0,045	Cmm 0,017		M	210 ^{+0,1} _{-0,1}	Cmm 209,944		D	8	Cr 8,09
//	t	0,045	Cmm 0,002		O2	30	Cr 30	Ø	S	200	Cr 200
//	u	0,03	Cmm 0,002		P21	75	Cr 75	Ø	Y	M12	Pg M12
//	v	0,045	Cmm 0,001		P22	75	Cr 75				
	W	115	Cmm 115	Ø	T	M16	Pg M16				
//	w	0,03	Cmm 0,003	OUTPUT PINION							
	X	115	Cmm 115,004	Pinion 1				M2392			
//	x	0,03	Cmm 0,001	Span dimension over 4 teeth							
	H	230 ^{+0,025} _{-0,025}	Cmm 230,004		G1	44,27 ⁰ _{-0,03}	Cmm 44,255				
//	h	0,02	Cmm 0,01	↗	g1	0,022	Di 0,02				
	V1	298	Cmm 298,14	Pinion 2				M2393			
	L1	85	Cmm 85,03	Span dimension over 4 teeth							
	V2	298	Cmm 298,134		G2	44,27 ⁰ _{-0,03}	Cmm 44,25				
	L2	85	Cmm 85,008	↗	g2	0,022	Di 0,01				
Ø	Q1	25 ^{+0,009} _{-0,004}	Cmm 25,002	No-load input torque							
Ø	Q2	25 ^{+0,009} _{-0,004}	Cmm 25,005	Line				1 Nm			
	J1	/0	µm 0,01	Line 2				1 Nm			
	J2	/0	µm 0,015								
	J3	/0	µm 0,02								

Date:18/01/2019

Version:A

Visa:C DE MIRANDA



Line			Stiffness
Torsional stiffness (Nm/arcmin)			
1			243,75
2			243,75
Radial stiffness (N/µm)			
1			621
2			573

Noise level

@1600 rpm input (dB(A))

73,0

REDEX

ZI-BP79
F45210 FERRIERES
www.redex.fr

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