

DRP		Page
Performance sheet		1/2
CUSTOMER:	GUDEL LINEARTEC Co. LTD	CUSTOMER ORDER REF: RX105308T MOMENTUM
DISTRIBUTOR:	GUEDEL LINEARTEC	REDEX ORDER REF: 210463
DESIGNATION:	DRP2+R.31.4.H	SERIAL NUMBER: 898598
CODE:	RX128950-12	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:	Following application
Maximum preload torque:	18,7 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP

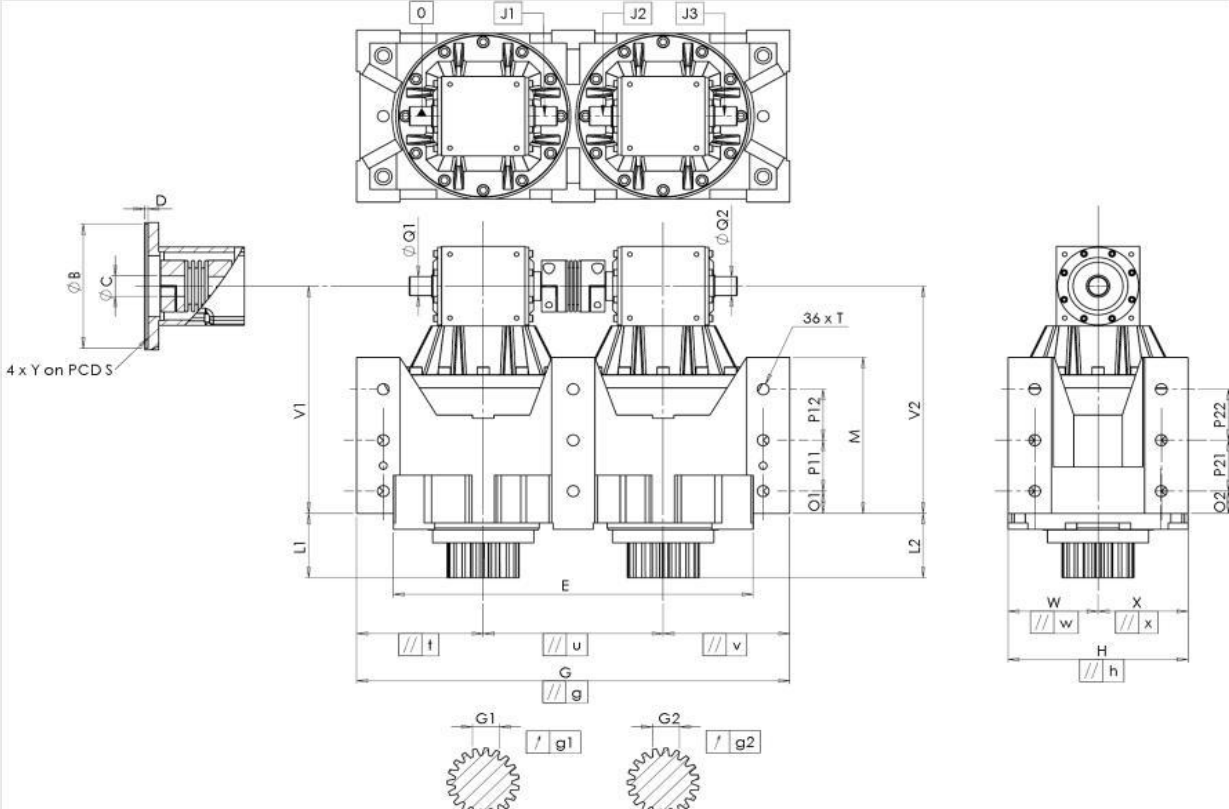
Performance sheet

RX183/005-B

2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN: 898598



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
		L5297		O1 30		Cr 30				-
	E	460 ⁰ _{-0,05}	Cmm 459,968		P11 75	Cr 75		Ø B	µm	
	G	560 ^{+0,1} _{-0,1}	Cmm 559,985		P12 75	Cr 75		Ø C	µm	
//	g	0,045	Cmm 0,017		M 210 ^{+0,1} _{-0,1}	Cmm 209,901		D	Cr	
//	t	0,045	Cmm 0,001		O2 30	Cr 30		Ø S	Cr	
//	u	0,03	Cmm 0,002		P21 75	Cr 75		Ø Y	Pg	
//	v	0,045	Cmm 0,003		P22 75	Cr 75				
	W	115	Cmm 115,01	Ø T	M16	Pg M16				
//	w	0,03	Cmm 0,003	OUTPUT PINION						
	X	115	Cmm 114,998	Pinion 1				P2325		
//	x	0,03	Cmm 0,003	Span dimension over 4 teeth						
	H	230 ^{+0,025} _{-0,025}	Cmm 230,008	↗	G1 44,27 ⁰ _{-0,03}	Cmm 44,265				
//	h	0,02	Cmm 0,008		g1 0,022	Di 0,005				
	V1	298	Cmm 298,276	Pinion 2				P2332		
	L1	85	Cmm 84,971	Span dimension over 4 teeth						
	V2	298	Cmm 298,247		G2 44,27 ⁰ _{-0,03}	Cmm 44,26				
	L2	85	Cmm 84,883	↗	g2 0,022	Di 0,005				
Ø	Q1	25 ^{+0,009} _{-0,004}	Cmm 25,007	No-load input torque						
Ø	Q2	25 ^{+0,009} _{-0,004}	Cmm 25,007	Line				0,8 Nm		
	J1	/0	µm 0	Line 2				0,9 Nm		
	J2	/0	µm 0,03							
	J3	/0	µm -0,01							
Date: 21/03/2016										
Version: A										
Visa: J ONGANER										
Noise level										
@2100 rpm input (dB(A)) 73,0										
Torsional stiffness (Nm/arcmin) 1 243,75										
Radial stiffness (N/µm) 1 424										
2 483										

REDEX
ANDANTEX

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