

CUSTOMER:

GUEDEL LINEARTEC Co. Ltd

CUSTOMER ORDER REF:

RX107330T GUDTW

DISTRIBUTOR:

REDEX ORDER REF:

213843

DESIGNATION:

DRP2+R.31.4.H

SERIAL NUMBER:

902990

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.

EXTERNAL DIMENSIONS & INTERFACES:

SN:

902990

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	
					B7496								O1 30 Cr 30								-	
					E 460 ⁰ _{-0,05} Cmm 459,99								P11 75 Cr 75				Ø B				µm	
					G 560 ^{+0,1} _{-0,1} Cmm 559,949								P12 75 Cr 75				Ø C				µm	
//	g 0,045 Cmm 0,013								M 210 ^{+0,1} _{-0,1} Cmm 209,951								D				Cr	
//	t 0,045 Cmm 0,001								O2 30 Cr 30								Ø S				Cr	
//	u 0,03 Cmm 0,003								P21 75 Cr 75								Ø Y				Pg	
//	v 0,045 Cmm 0,002								P22 75 Cr 75													
	W 115 Cmm 114,979								Ø	T M16 Pg M16												
//	w 0,03 Cmm 0,004								OUTPUT PINION													
	X 115 Cmm 115,01								Pinion 1 M2619													
//	x 0,03 Cmm 0,004								Span dimension over 4 teeth													
	H 230 ^{+0,025} _{-0,025} Cmm 229,989												G1 44,27 ⁰ _{-0,03} Cmm 44,255									
//	h 0,02 Cmm 0,006								↗	g1 0,022 Di 0,005												
	V1 298 Cmm 298,151																					
	L1 85 Cmm 85,102								Pinion 2 M2614								Torsional stiffness (Nm/arcmin)					
	V2 298 Cmm 298,041								Span dimension over 4 teeth								1 243,75					
	L2 85 Cmm 85,033																Radial stiffness (N/µm)					
Ø	Q1 25 ^{+0,009} _{-0,004} Cmm 25,005								↗	G2 44,27 ⁰ _{-0,03} Cmm 44,255						2 243,75						
Ø	Q2 25 ^{+0,009} _{-0,004} Cmm 25,008								g2 0,022 Di 0,015								1 593					
	J1 /0 µm 0,01								No-load input torque													
	J2 /0 µm 0,015								Line 1 Nm								@1600 rpm input (dB(A))					
	J3 /0 µm 0,01								Line 2 1 Nm								70,0					

Date:

13/02/2019

Visa:

C DE MIRANDA p.o. JP MOZICON ACC

Version:

A