

CUSTOMER:	GUDEL LINEARTEC	CUSTOMER ORDER REF:	*RX114305T GUDTW
DISTRIBUTOR:	GUEDEL LINEARTEC	REDEX ORDER REF:	220104
DESIGNATION:	DRP3.R1.61.4.H	SERIAL NUMBER:	910004
CODE:	RX135482-32	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 T_p :

Following application

Maximum preload torque:

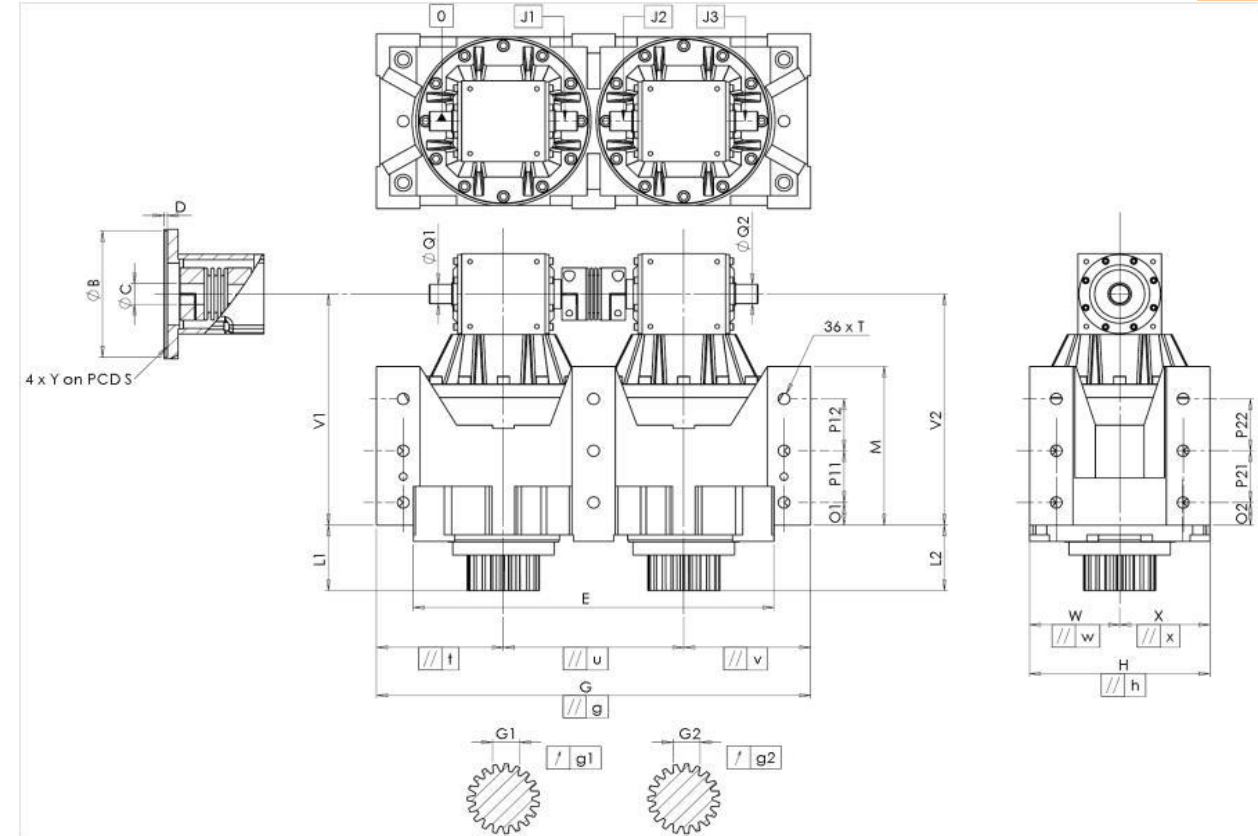
14,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 910004



General tolerance: Js13	<i>Cmm</i>	Automatic / manual coordinate-measuring machine	μm	Micrometer	<i>Cr</i>	Calliper rule	<i>Di</i>	Dial indicator	<i>Pg</i>	Plug gauge
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HOUSING					HOUSING					MOTOR FLANGE						
requirement				measure		requirement				measure		requirement			measure	
				J3788											-	
	E	540 ⁰ _{-0,1}	Cmm	539.993		O1	35	Cr	35			Ø	B		µm	
	G	650 ^{+0,2} _{-0,2}	Cmm	649.994		P11	80	Cr	80			Ø	C		µm	
//	g	0,045	Cmm	0.045		M	245 ^{+0,1} _{-0,1}	Cmm	244.956				D		Cr	
//	t	0,045	Cmm	0.004		O2	35	Cr	35			Ø	S		Cr	
//	u	0,035	Cmm	0.008		P21	80	Cr	80			Ø	Y		Pg	
//	v	0,045	Cmm	0.001		P22	80	Cr	80							
	W	135	Cmm	135.024		Ø	T	M20	Pg	M20						
//	w	0,035	Cmm	0.007	OUTPUT PINION											
	X	135	Cmm	135.001	Pinion 1				G7089							
//	x	0,035	Cmm	0.005	Span dimension over 3 teeth											
	H	270 ^{+0,04} _{-0,04}	Cmm	270.025		G1	39,25 ⁰ _{-0,03}	Cmm	39.225							
//	h	0,02	Cmm	0.014		↗	g1	0,022	Di	0.01						
	V1	357	Cmm	357.039		Pinion 2				G7091						
	L1	101	Cmm	101.11	Span dimension over 3 teeth											
	V2	357	Cmm	357.008		G2	39,25 ⁰ _{-0,03}	Cmm	39.23							
	L2	101	Cmm	101.082		↗	g2	0,022	Di	0.01						
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30.006	No-load input torque											
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30.003	Line					2 Nm						
	J1	/0	Di	0.01	Line 2					2 Nm						
	J2	/0	Di	0												
	J3	/0	Di	0.03												
										Torsional stiffness (Nm/arcmin)			1	473,03		
													2	473,03		
										Radial stiffness (N/µm)			1	1096		
													2	981		
Noise level																
										@1600 rpm input (dB(A))			69.5			

Date: 29/10/2025

Visa: C DE MIRANDA

Version: A