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Performance sheet	RX183/005-B	1/2
CUSTOMER:	UCHINE	CUSTOMER ORDER REF: RX106330T UCHINE
DISTRIBUTOR:	GUEDEL LINEARTEC	REDEX ORDER REF: 212437
DESIGNATION:	DRP2+R.31.4.H	SERIAL NUMBER: 901223
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.

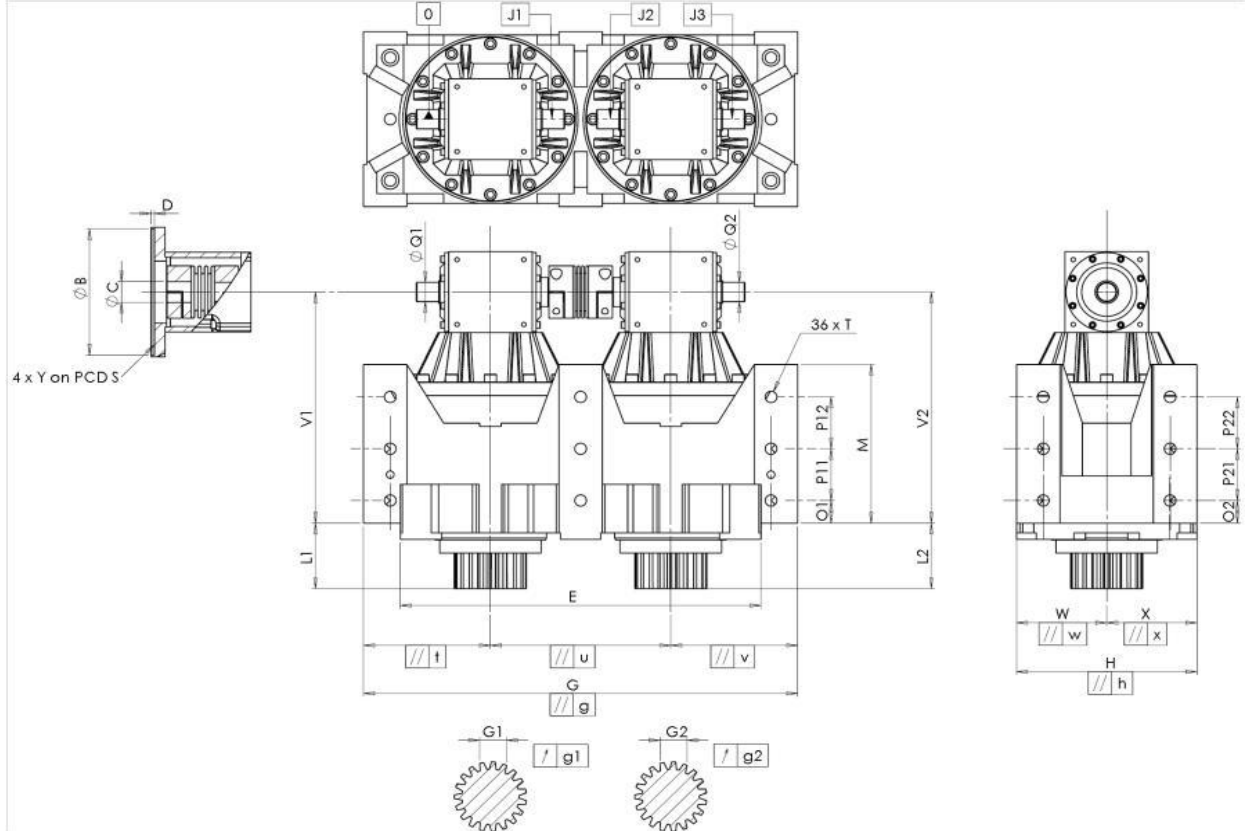
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

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:
*Accepted according to Redex derogation 9819

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 901223
		

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	
						M7019			O1	30	Cr	30					-		
		E	460 ⁰ _{-0,05}	Cmm	459,975			P11	75	Cr	75		Ø	B		µm			
		G	560 ^{+0,1} _{-0,1}	Cmm	559,967			P12	75	Cr	75		Ø	C		µm			
//		g	0,045	Cmm	0,025			M	210 ^{+0,1} _{-0,1}	Cmm	209,979			D		Cr			
//		t	0,045	Cmm	0,001			O2	30	Cr	30		Ø	S		Cr			
//		u	0,03	Cmm	0,006			P21	75	Cr	75		Ø	Y		Pg			
//		v	0,045	Cmm	0,004			P22	75	Cr	75								
		W	115	Cmm	114,997		Ø	T	M16	Pg	M16								
//		w	0,03	Cmm	0,002	OUTPUT PINION													
		X	115	Cmm	115,014	Pinion 1				N2044									
//		x	0,03	Cmm	0,001	Span dimension over 4 teeth													
		H	230 ^{+0,025} _{-0,025}	Cmm	230,011			G1	44,27 ⁰ _{-0,03}	Cmm	44,26								
//		h	0,02	Cmm	0,011		↗	g1	0,022	Di	0,01				Line	Stiffness			
		V1	298	Cmm	298,283			Pinion 2				N2038		Torsional stiffness (Nm/arcmin)	1	243,75			
		L1	85	Cmm	84,953			Pinion 2				N2038			2	243,75			
		V2	298	Cmm	298,327	Span dimension over 4 teeth								Radial stiffness (N/µm)	1	520			
		L2	85	Cmm	84,985			G2	44,27 ⁰ _{-0,03}	Cmm	44,25				2	498			
Ø		Q1	25 ^{+0,009} _{-0,004}	Cmm	25,008		↗	g2	0,022	Di	0,005								
Ø		Q2	25 ^{+0,009} _{-0,004}	Cmm	25,004	No-load input torque						Noise level							
		J1	/0	µm	0,01	Line				0,8 Nm		@1600 rpm input (dB(A))				75,5 *			
		J2	/0	µm	0,01	Line 2				0,8 Nm									
		J3	/0	µm	0,01														

		Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	243,75	
	2	243,75	
Radial stiffness (N/μm)	1	520	
	2	498	
Noise level			
@1600 rpm input (dB(A))		75,5 *	