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CUSTOMER:	APEC	CUSTOMER ORDER REF: RX105310T APEC
DISTRIBUTOR:	GUEDEL LINEARTEC	REDEX ORDER REF: 210475
DESIGNATION:	DRP3+R.31.4.H	SERIAL NUMBER: 898617
CODE:	RX128771-12	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:	36,3 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP

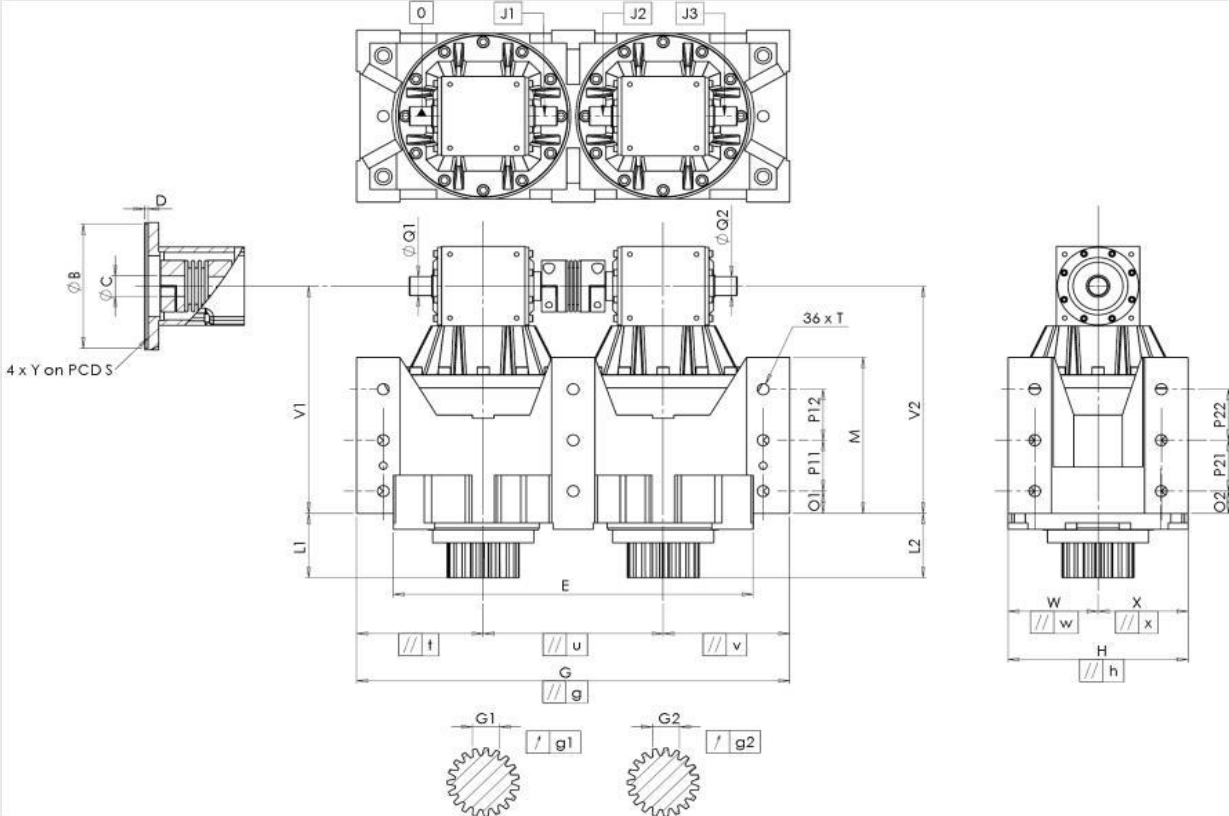
Performance sheet

RX183/005-B

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EXTERNAL DIMENSIONS & INTERFACES:

SN: 898617



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
		J3661								-
	E	540 ⁰ _{-0,1}	Cmm	539,949		O1	35	Cr	35	
	G	650 ^{+0,2} _{-0,2}	Cmm	650,13		P11	80	Cr	80	
//	g	0,045	Cmm	0,011		P12	80	Cr	80	
//	t	0,045	Cmm	0,006		M	245 ^{+0,1} _{-0,1}	Cmm	244,979	
//	u	0,035	Cmm	0,011		O2	35	Cr	35	
//	v	0,045	Cmm	0,004		P21	80	Cr	80	
	W	135	Cmm	134,996		P22	80	Cr	80	
//	w	0,035	Cmm	0,005		Ø	T	M20	Pg	M20
	X	135	Cmm	135,018	OUTPUT PINION					
//	x	0,035	Cmm	0,005	Pinion 1		P2419			
	H	270 ^{+0,04} _{-0,04}	Cmm	270,013	Span dimension over 3 teeth					
//	h	0,02	Cmm	0,009		G1	39,25 ⁰ _{-0,03}	Cmm	39,24	
	V1	357	Cmm	357,122		g1	0,022	Di	0,005	
	L1	101	Cmm	101,187	Pinion 2		P2420			
	V2	357	Cmm	357,021	Span dimension over 3 teeth					
	L2	101	Cmm	101,206		G2	39,25 ⁰ _{-0,03}	Cmm	39,24	
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	29,996		g2	0,022	Di	0,015	
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,003	No-load input torque					
	J1	/0	µm	0,04	Line		1 Nm			
	J2	/0	µm	0,03	Line 2		1,2 Nm			
	J3	/0	µm	0,04						
Date: 23/05/2016										
Version: A										
Visa: J ONGANER										
Noise level										
@1600 rpm input (dB(A)) 71,0										
Torsional stiffness (Nm/arcmin) 1 473,03										
Torsional stiffness (Nm/arcmin) 2 473,03										
Radial stiffness (N/µm) 1 882										
Radial stiffness (N/µm) 2 941										

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