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CUSTOMER:	AWEA	CUSTOMER ORDER REF: RX104311T AWEA
DISTRIBUTOR:	GUEDEL LINEARTEC	REDEX ORDER REF: 209706
DESIGNATION:	DRP2+R.21.4.H	SERIAL NUMBER: 897648
CODE:	RX128950-11	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:	16,7 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP

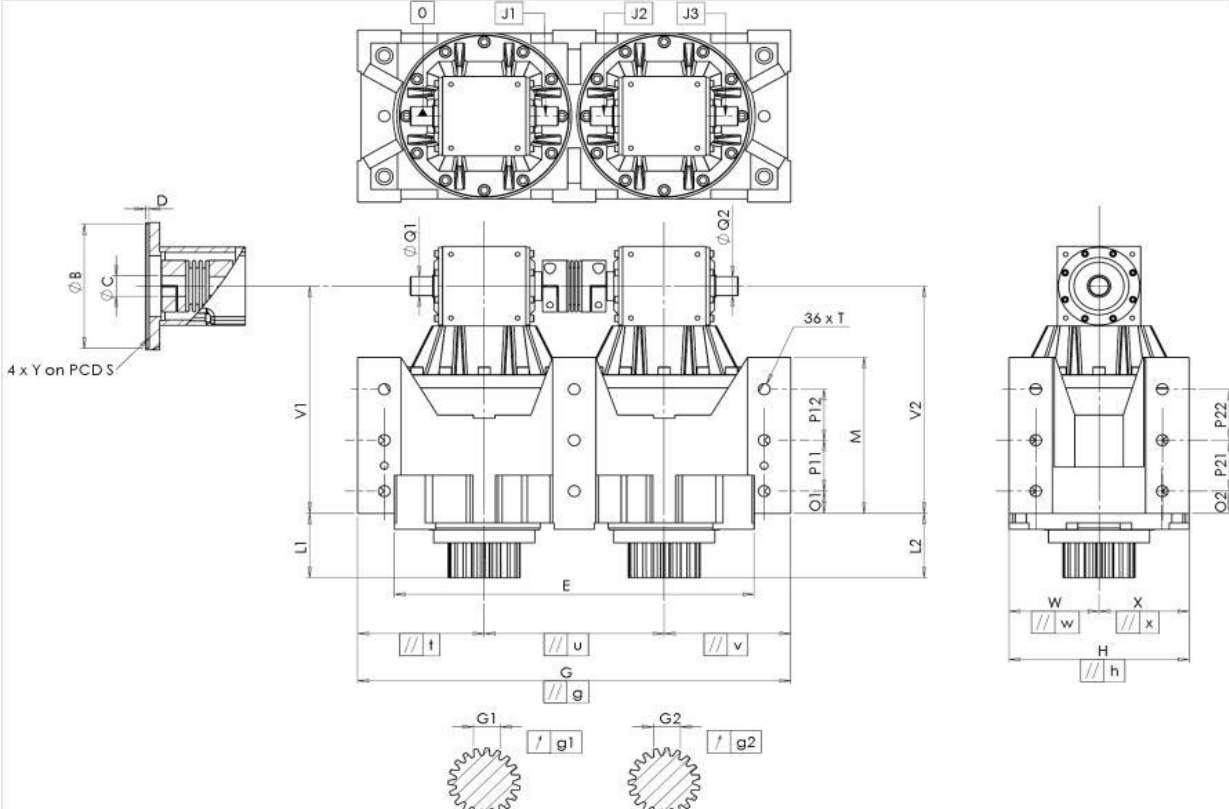
Performance sheet

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EXTERNAL DIMENSIONS & INTERFACES:

SN: 897648



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
		K3573		O1 30		Cr 30				-
	E	460 ⁰ _{-0,05}	Cmm 459,993		P11 75	Cr 75		Ø B	µm	
	G	560 ^{+0,1} _{-0,1}	Cmm 560,049		P12 75	Cr 75		Ø C	µm	
//	g	0,045	Cmm 0,012		M 210 ^{+0,1} _{-0,1}	Cmm 210,044		D	Cr	
//	t	0,045	Cmm 0,002		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 115	Ø T	M16	Pg M16				
//	w	0,03	Cmm 0,003	OUTPUT PINION						
	X	115	Cmm 115	Pinion 1 P0913						
//	x	0,03	Cmm 0,001	Span dimension over 4 teeth						
	H	230 ^{+0,025} _{-0,025}	Cmm 229,999	↗	G1 44,27 ⁰ _{-0,03}	Cmm 44,25				
//	h	0,02	Cmm 0,01		g1 0,022	Di 0,02				
	V1	298	Cmm 298,364	Pinion 2 P0916						
	L1	85	Cmm 84,98	Span dimension over 4 teeth						
	V2	298	Cmm 298,3		G2 44,27 ⁰ _{-0,03}	Cmm 44,255				
	L2	85	Cmm 84,933	↗	g2 0,022	Di 0,01				
Ø	Q1	25 ^{+0,009} _{-0,004}	Cmm 25	No-load input torque						
Ø	Q2	25 ^{+0,009} _{-0,004}	Cmm 25,005	Line 0,7 Nm						
	J1	/0	µm 0	Line 2 0,7 Nm						
	J2	/0	µm 0							
	J3	/0	µm 0,02							
Date: 15/09/2015										
Version: A										
Visa: JJ PELLÉ										
										
Noise level										
@2100 rpm input (dB(A)) 75,5										
Torsional stiffness (Nm/arcmin) 1 243,75										
Torsional stiffness (Nm/arcmin) 2 243,75										
Radial stiffness (N/µm) 1 532										
Radial stiffness (N/µm) 2 546										

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