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CUSTOMER:	TECT AEROSPACE	CUSTOMER ORDER REF: 28830-00 TECT AEROSPACE
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF: 213463
DESIGNATION:	DRP3+R.61.4.S	SERIAL NUMBER: 902715
CODE:	RX129105-32	MOTOR FLANGE CODE: RX129474-04

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:	14,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 902715

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																
					B2646								O1			35	Cr	35							B4352											
					E	540	⁰ _{-0,1}	Cmm	539,943								P11	80	Cr	80			Ø				B	114,3	^{+0,047} _{+0,012}	µm	114,323					
					G	650	^{+0,2} _{-0,2}	Cmm	649,982								P12	80	Cr	80			Ø				C	35	^{+0,05} _{+0,025}	µm	35,05					
//					g	0,045		Cmm	0,014								M	245	^{+0,1} _{-0,1}	Cmm	245,007							D	8		Cr	8				
//					t	0,045		Cmm	0,005								O2	35		Cr	35			Ø				S	200		Cr	200				
//					u	0,035		Cmm	0,003								P21	80		Cr	80			Ø				Y	M12		Pg	M12				
//					v	0,045		Cmm	0,004								P22	80		Cr	80															
					W	135		Cmm	135,033				Ø				T	M20		Pg	M20															
//					w	0,035		Cmm	0,01				OUTPUT PINION																							
					X	135		Cmm	134,954				Pinion 1				P1007																			
//					x	0,035		Cmm	0,011				Span dimension over 3 teeth																							
					H	270	^{+0,04} _{-0,04}	Cmm	269,988								G1	39,25	⁰ _{-0,03}	Cmm	39,235															
//					h	0,02		Cmm	0,013				↗				g1	0,022		Di	0,015															
					V1	357		Cmm	357,154														Line									Stiffness				
					L1	101		Cmm	101,044				Pinion 2				N605			Torsional stiffness (Nm/arcmin)			1									473,03				
					V2	357		Cmm	357,268				Span dimension over 3 teeth										2									473,03				
					L2	101		Cmm	100,948								G2	39,25	⁰ _{-0,03}	Cmm	39,24			Radial stiffness (N/µm)			1	920								
Ø					Q1	30	^{+0,009} _{-0,004}	Cmm	30,003				↗				g2	0,022		Di	0,015						2	943								
Ø					Q2	30	^{+0,009} _{-0,004}	Cmm	30,002				No-load input torque							Noise level																
					J1		/0	µm	0,035				Line				1 Nm			@1600 rpm input (dB(A))				72,0												
					J2		/0	µm	0,03				Line 2				1 Nm																			
					J3		/0	µm	0,025																											

Date: 23/01/2019

Visa: C DE MIRANDA

Version: A

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