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CUSTOMER:	MYDAY MACHINERY	CUSTOMER ORDER REF: RX109310T TIMTOS
DISTRIBUTOR:		REDEX ORDER REF: 215507
DESIGNATION:	DRP3+R.61.4.H	SERIAL NUMBER: 904848
CODE:	RX128771-32	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 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: 904848

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											
					D910																				
		E	540 ⁰ _{-0,1}	Cmm	539,956			O1	35	Cr	35														
		G	650 ^{+0,2} _{-0,2}	Cmm	650,021			P11	80	Cr	80	Ø				B		µm							
//		g	0,045	Cmm	0,01			P12	80	Cr	80	Ø				C		µm							
//		t	0,045	Cmm	0,001			M	245 ^{+0,1} _{-0,1}	Cmm	245,003					D		Cr							
//		u	0,035	Cmm	0,004			O2	35	Cr	35	Ø				S		Cr							
//		v	0,045	Cmm	0,004			P21	80	Cr	80	Ø				Y		Pg							
		W	135	Cmm	135,008		Ø	P22	80	Cr	80														
//		w	0,035	Cmm	0,002																				
		X	135	Cmm	135,006	OUTPUT PINION																			
//		x	0,035	Cmm	0,003	Pinion 1					K2435														
		H	270 ^{+0,04} _{-0,04}	Cmm	270,014	Span dimension over 3 teeth																			
//		h	0,02	Cmm	0,013		↗	G1	39,25 ⁰ _{-0,03}	Cmm	39,23														
		V1	357	Cmm	357,244			g1	0,022	Di	0,01					Line		Stiffness							
		L1	101	Cmm	101,126	Pinion 2					K2443									Torsional stiffness (Nm/arcmin)		1	473,03		
		V2	357	Cmm	357,193	Span dimension over 3 teeth																2	473,03		
		L2	101	Cmm	101,101		↗	G2	39,25 ⁰ _{-0,03}	Cmm	39,23					Radial stiffness (N/µm)		1	935						
Ø		Q1	30 ^{+0,009} _{-0,004}	Cmm	30,007			g2	0,022	Di	0,01							2	888						
Ø		Q2	30 ^{+0,009} _{-0,004}	Cmm	30,005	No-load input torque														Noise level					
		J1	/0	Di	-0,015	Line					0,7 Nm									@1600 rpm input (dB(A))				66,5	
		J2	/0	Di	0	Line 2					0,7 Nm														
		J3	/0	Di	0,01																				

Date: 07/12/2020

Visa: P VASLIER

Version: A

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