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CUSTOMER:	JYOTI CNC AUTOMATION LTD	CUSTOMER ORDER REF: *5500017783 JYOTI
DISTRIBUTOR:		REDEX ORDER REF: 219014
DESIGNATION:	DRP3+R.31.4.H	SERIAL NUMBER: 908826
CODE:	RX128771-12	MOTOR FLANGE CODE: RX129474-03

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.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 908826

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	
						G441			O1	35	Cr	35					G4525		
	E	540	⁰ _{-0,1}	Cmm	539,993		P11	80	Cr	80		Ø	B	180	^{+0,054} _{+0,014}	µm	180,02		
	G	650	^{+0,2} _{-0,2}	Cmm	649,97		P12	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,04		
//	g	0,045		Cmm	0,021		M	245	^{+0,1} _{-0,1}	Cmm	244,936		D	8		Cr	8,09		
//	t	0,045		Cmm	0,007		O2	35	Cr	35		Ø	S	215		Cr	215		
//	u	0,035		Cmm	0,014		P21	80	Cr	80		Ø	Y	M12		Pg	M12		
//	v	0,045		Cmm	0,007		P22	80	Cr	80									
	W	135		Cmm	135,005	Ø	T	M20	Pg	M20									
//	w	0,035		Cmm	0,003	OUTPUT PINION													
	X	135		Cmm	135,017	Pinion 1				F5288									
//	x	0,035		Cmm	0,003	Span dimension over 3 teeth													
	H	270	^{+0,04} _{-0,04}	Cmm	270,022		G1	39,25	⁰ _{-0,03}	Cmm	39,225								
//	h	0,02		Cmm	0,009	↗	g1	0,022		Di	0,01			Line	Stiffness				
	V1	357		Cmm	357,029	Pinion 2					F5263		Torsional stiffness (Nm/arcmin)		1	473,03			
	L1	101		Cmm	101,227	Span dimension over 3 teeth					Radial stiffness (N/µm)				2	473,03			
	V2	357		Cmm	356,975		G2	39,25	⁰ _{-0,03}	Cmm			39,235			1	956		
	L2	101		Cmm	101,193	↗	g2	0,022		Di	0,01					2	1086		
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	29,997	No-load input torque					Noise level								
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	29,999						@1600 rpm input (dB(A))					73,5			
	J1	/0		Di	0	Line					2 Nm								
	J2	/0		Di	0,01	Line 2					2 Nm								
	J3	/0		Di	0,03														

Date:	15/07/2024	Visa:	P.Vaslier
Version:	A		