

CUSTOMER: **HIGH ENERGY** CUSTOMER ORDER REF: **\*RX113301T HIGH ENERGY**

DISTRIBUTOR: **REDEX ORDER REF: 218903**

DESIGNATION: **DRP3+R.31.4.H** SERIAL NUMBER: **908668**

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:

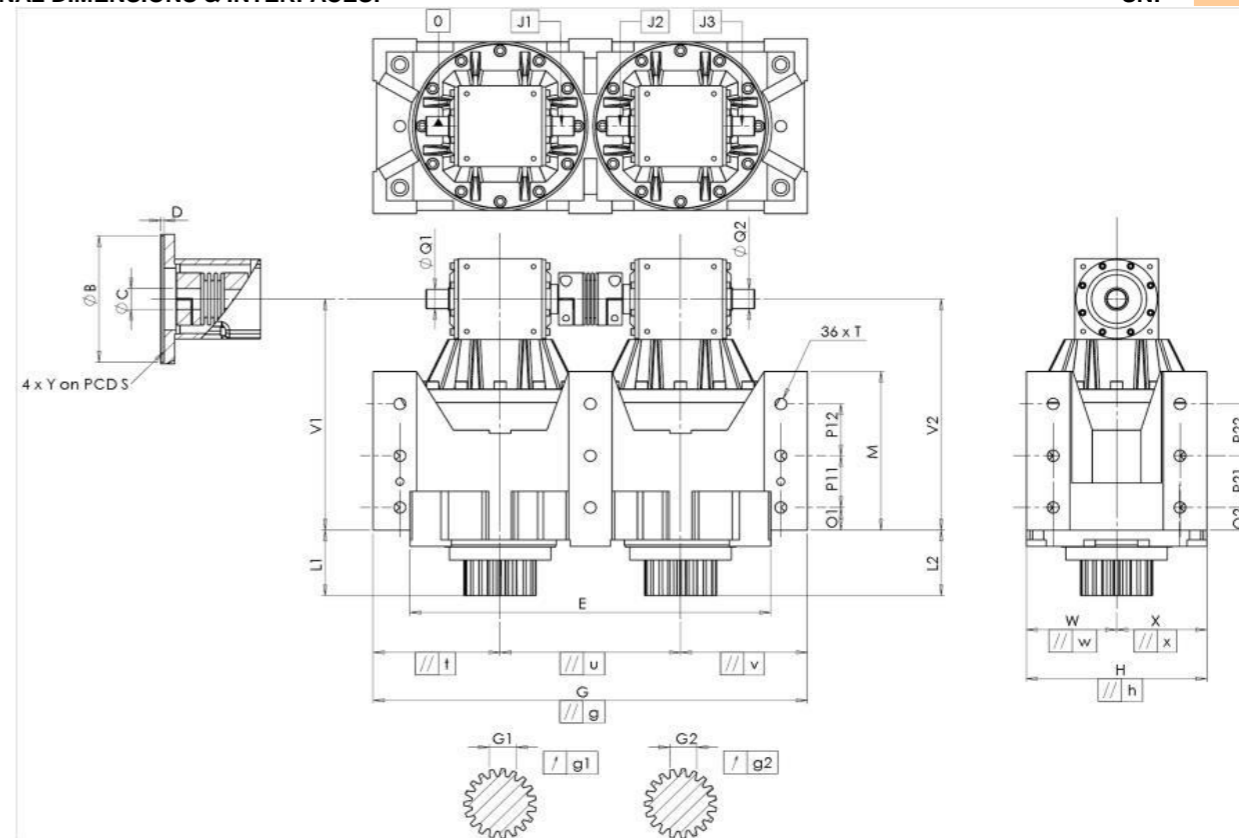
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EXTERNAL DIMENSIONS & INTERFACES: SN: **908668**



General tolerance: Js13		Cmm	Automatic / manual coordinate-measuring machine	µm	Micrometer	Cr	Calliper rule	Di	Dial indicator	Pg	Plug gauge	
<b>HOUSING</b>				<b>HOUSING</b>				<b>MOTOR FLANGE</b>				
	<b>requirement</b>	<b>measure</b>		<b>requirement</b>	<b>measure</b>		<b>requirement</b>	<b>measure</b>				
		G439		O1	35	Cr	35					
	E	540 <sup>0</sup> <sub>-0,1</sub>	Cmm	539,966	P11	80	Cr	80	∅	B	µm	
	G	650 <sup>+0,2</sup> <sub>-0,2</sub>	Cmm	650,034	P12	80	Cr	80	∅	C	µm	
//	g	0,045	Cmm	0,011	M	245 <sup>+0,1</sup> <sub>-0,1</sub>	Cmm	245,073		D	Cr	
//	t	0,045	Cmm	0,001	O2	35	Cr	35	∅	S	Cr	
//	u	0,035	Cmm	0,008	P21	80	Cr	80	∅	Y	Pg	
//	v	0,045	Cmm	0,008	P22	80	Cr	80				
	W	135	Cmm	135,008	∅	T	M20	Pg	M20			
//	w	0,035	Cmm	0,003	<b>OUTPUT PINION</b>							
	X	135	Cmm	135,011	<b>Pinion 1</b>		F5280					
//	x	0,035	Cmm	0,003	<b>Span dimension over 3 teeth</b>							
	H	270 <sup>+0,04</sup> <sub>-0,04</sub>	Cmm	270,019	G1	39,25 <sup>0</sup> <sub>-0,03</sub>	Cmm	39,238				
//	h	0,02	Cmm	0,014	g1	0,022	Di	0,01				
	V1	357	Cmm	357,077	<b>Pinion 2</b>		F5274					
	L1	101	Cmm	101,079	<b>Span dimension over 3 teeth</b>							
	V2	357	Cmm	357,09	G2	39,25 <sup>0</sup> <sub>-0,03</sub>	Cmm	39,24				
	L2	101	Cmm	101,133	g2	0,022	Di	0,01				
∅	Q1	30 <sup>+0,009</sup> <sub>-0,004</sub>	Cmm	29,996	<b>No-load input torque</b>							
∅	Q2	30 <sup>+0,009</sup> <sub>-0,004</sub>	Cmm	30	Line		1,4 Nm					
	J1	/0	Di	0	Line 2		1,6 Nm					
	J2	/0	Di	0,01								
	J3	/0	Di	0,01								
										<b>Line</b>	<b>Stiffness</b>	
										Torsional stiffness (Nm/arcmin)	1	473,03
											2	473,03
										Radial stiffness (N/µm)	1	853
											2	855
										<b>Noise level</b>		
										@ 1600 rpm input (dB(A))		74,0

Date: **28/03/2024**

Visa: **C DE MIRANDA**

Version: **A**



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