

CUSTOMER: SPARK CUSTOMER ORDER REF: \*RXCN2023081151 SPARK  
 DISTRIBUTOR: REDEX SHANGHAI REPAIRING REDEX ORDER REF: 218150  
 DESIGNATION: DRP3.R1.91.4.H SERIAL NUMBER: 908211  
 CODE: RX135482-33 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:	10 Nm

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

SPECIFIC REMARKS:

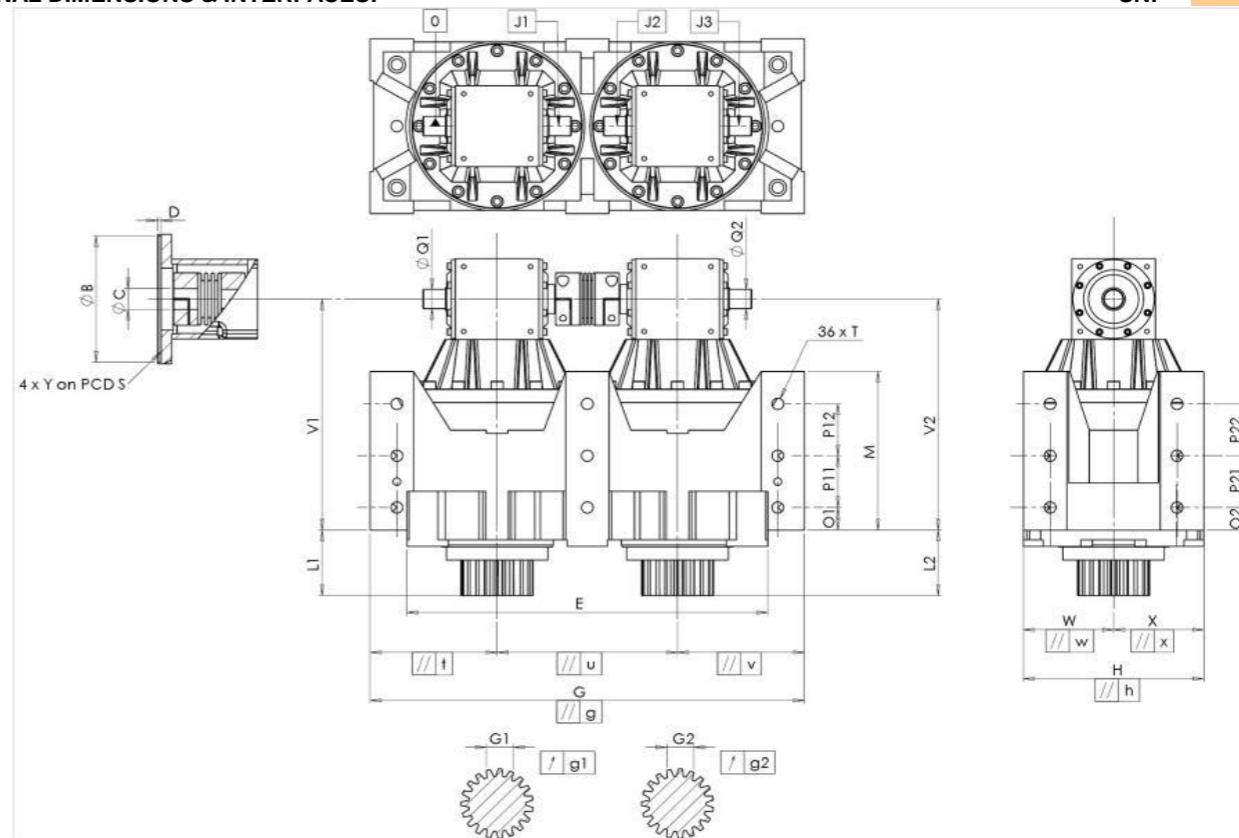
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EXTERNAL DIMENSIONS & INTERFACES: SN: 908211



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>							
		G438		O1	35	Cr	35			E507					
	E	540 <sup>0</sup> <sub>-0,1</sub>	Cmm	539,956	P11	80	Cr	80	Ø	B	114,3 <sup>+0,047</sup> <sub>+0,012</sub>	µm	114,33		
	G	650 <sup>+0,2</sup> <sub>-0,2</sub>	Cmm	649,941	P12	80	Cr	80	Ø	C	35 <sup>+0,05</sup> <sub>+0,025</sub>	µm	35,05		
//	g	0,045	Cmm	0,022	M	245 <sup>+0,1</sup> <sub>-0,1</sub>	Cmm	244,989		D	8	Cr	8		
//	t	0,045	Cmm	0,009	O2	35	Cr	35	Ø	S	200	Cr	199,98		
//	u	0,035	Cmm	0,016	P21	80	Cr	80	Ø	Y	M12	Pg	M12		
//	v	0,045	Cmm	0,01	P22	80	Cr	80							
	W	135	Cmm	135,007	Ø	T	M20	Pg	M20						
//	w	0,035	Cmm	0,001	<b>OUTPUT PINION</b>										
	X	135	Cmm	135,012	<b>Pinion 1</b>				F5168						
//	x	0,035	Cmm	0,001	<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	39,22				<b>Line</b>	<b>Stiffness</b>		
//	h	0,02	Cmm	0,009	g1	0,022	Di	0,01				Torsional stiffness (Nm/arcmin)	1	473,03	
	V1	357	Cmm	357,046	<b>Pinion 2</b>				F5182					2	473,03
	L1	101	Cmm	101,162	<b>Span dimension over 3 teeth</b>									1	992
	V2	357	Cmm	357,051	G2	39,25 <sup>0</sup> <sub>-0,03</sub>	Cmm	39,22				Radial stiffness (N/µm)	2	999	
	L2	101	Cmm	101,197	g2	0,022	Di	0,01				<b>Noise level</b>			
Ø	Q1	30 <sup>+0,009</sup> <sub>-0,004</sub>	Cmm	30,004	<b>No-load input torque</b>				@ 1600 rpm input (dB(A))				72,0		
Ø	Q2	30 <sup>+0,009</sup> <sub>-0,004</sub>	Cmm	30,002	Line	0,8 Nm									
	J1	/0	Di	-0,01	Line 2	0,8 Nm									
	J2	/0	Di	0											
	J3	/0	Di	0,01											

Date: 28/12/2023

Visa: C DE MIRANDA

Version: A



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