

CUSTOMER: **SPARK** CUSTOMER ORDER REF: **\*RXCN20221212114**  
 DISTRIBUTOR: **REDEX SHANGHAI REPAIRING** REDEX ORDER REF: **217515**  
 DESIGNATION: **DRP3.R1.91.4.H** SERIAL NUMBER: **907544**  
 CODE: **RX135482-33** 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:	10 Nm

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

**SPECIFIC REMARKS:**

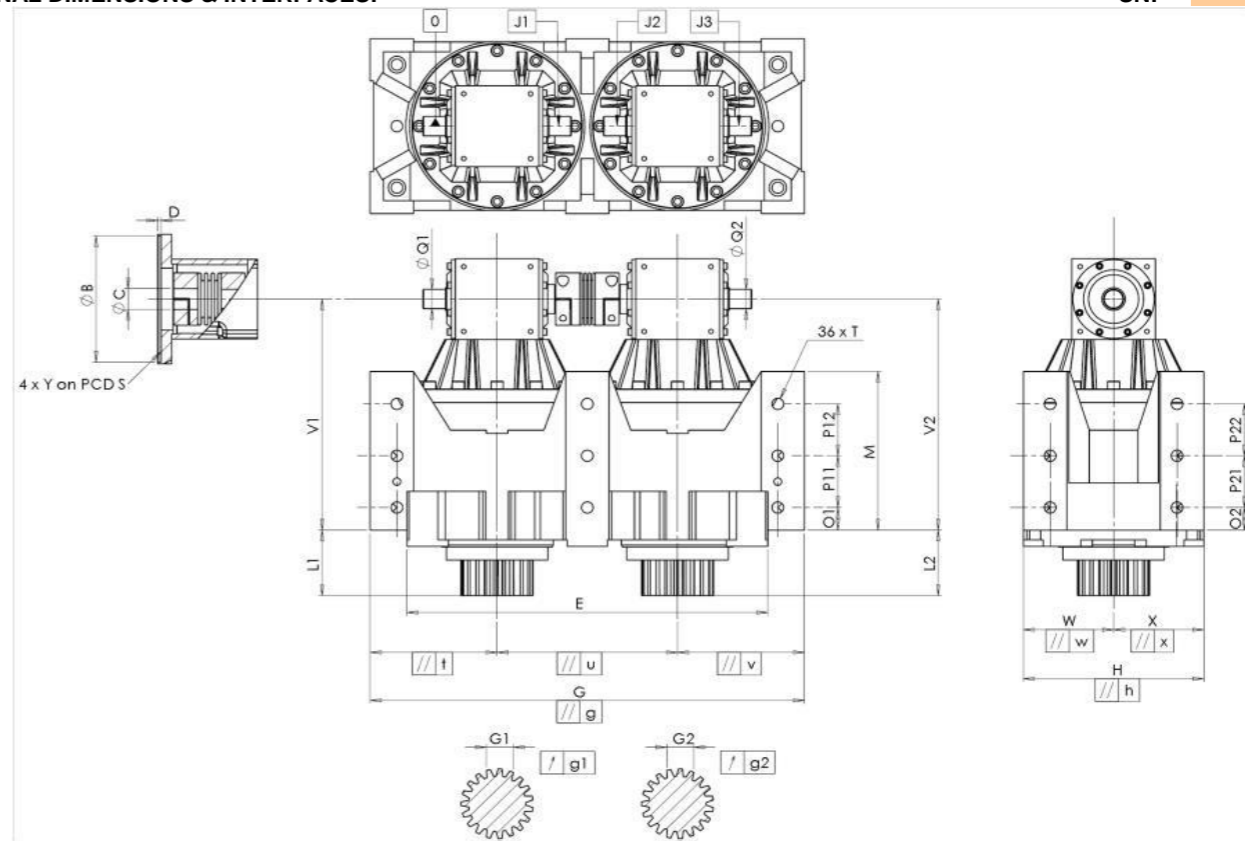
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EXTERNAL DIMENSIONS & INTERFACES: SN: **907544**



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>		<b>requirement</b>	<b>measure</b>				
		F6568		O1	35	Cr	35			F4646					
	E	540 <sup>0</sup> <sub>-0,1</sub>	Cmm	539,978	P11	80	Cr	80	∅	B	180 <sup>+0,054</sup> <sub>+0,014</sub>	µm	180,025		
	G	650 <sup>+0,2</sup> <sub>-0,2</sub>	Cmm	649,971	P12	80	Cr	80	∅	C	38 <sup>+0,05</sup> <sub>+0,025</sub>	µm	38,04		
//	g	0,045	Cmm	0,015	M	245 <sup>+0,1</sup> <sub>-0,1</sub>	Cmm	244,9		D	8	Cr	8,07		
//	t	0,045	Cmm	0,001	O2	35	Cr	35	∅	S	215	Cr	215		
//	u	0,035	Cmm	0,008	P21	80	Cr	80	∅	Y	M12	Pg	M12		
//	v	0,045	Cmm	0,008	P22	80	Cr	80							
	W	135	Cmm	135,003	∅	T	M20	Pg	M20						
//	w	0,035	Cmm	0,006	<b>OUTPUT PINION</b>										
	X	135	Cmm	135,017	<b>Pinion 1</b>				F2613						
//	x	0,035	Cmm	0,008	<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	39,23				<b>Line</b>	<b>Stiffness</b>		
//	h	0,02	Cmm	0,018	g1	0,022	Di	0,01				Torsional stiffness (Nm/arcmin)	1	401	
	V1	357	Cmm	356,962	<b>Pinion 2</b>				F3041					2	385
	L1	101	Cmm	101,282	<b>Span dimension over 3 teeth</b>									1	1006
	V2	357	Cmm	356,941	G2	39,25 <sup>0</sup> <sub>-0,03</sub>	Cmm	39,225				Radial stiffness (N/µm)	2	1007	
	L2	101	Cmm	101,231	g2	0,022	Di	0,01							
∅	Q1	30 <sup>+0,009</sup> <sub>-0,004</sub>	Cmm	30,005	<b>No-load input torque</b>								<b>Noise level</b>		
∅	Q2	30 <sup>+0,009</sup> <sub>-0,004</sub>	Cmm	30,009	Line				1 Nm				@ 1600 rpm input (dB(A))		72,5
	J1	/0	Di	0	Line 2				1 Nm						
	J2	/0	Di	0,01											
	J3	/0	Di	0,01											

Date: **23/05/2023**

Visa: **C DE MIRANDA**

Version: **A**



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