

CUSTOMER: **SPARK** CUSTOMER ORDER REF: ***RXCN2022102009 SPARK**

DISTRIBUTOR: **REDEX SHANGHAI REPAIRING** REDEX ORDER REF: **217330**

DESIGNATION: **DRP3+R.91.4.H** SERIAL NUMBER: **907354**

CODE: **RX128771-33** 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:

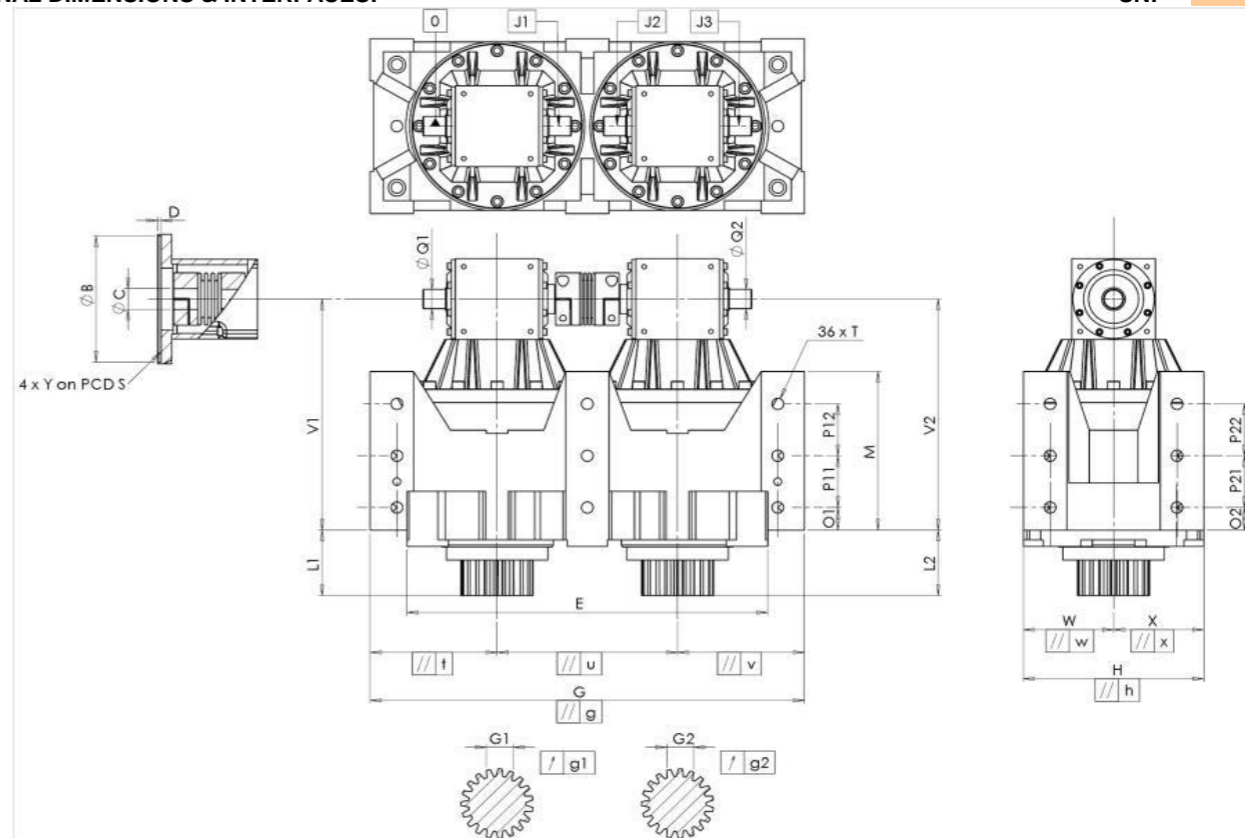
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EXTERNAL DIMENSIONS & INTERFACES: SN: **907354**



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		requirement	measure				
		F6328		O1	35	Cr	35			F4603					
	E	540 ⁰ _{-0,1}	Cmm	539,961	P11	80	Cr	80	∅	B	180 ^{+0,054} _{+0,014}	µm	180,014		
	G	650 ^{+0,2} _{-0,2}	Cmm	649,965	P12	80	Cr	80	∅	C	38 ^{+0,05} _{+0,025}	µm	38,05		
//	g	0,045	Cmm	0,024	M	245 ^{+0,1} _{-0,1}	Cmm	244,949		D	8	Cr	8,1		
//	t	0,045	Cmm	0,002	O2	35	Cr	35	∅	S	215	Cr	215		
//	u	0,035	Cmm	0,006	P21	80	Cr	80	∅	Y	M12	Pg	M12		
//	v	0,045	Cmm	0,002	P22	80	Cr	80							
	W	135	Cmm	135,011	∅	T	M20	Pg	M20						
//	w	0,035	Cmm	0,006	OUTPUT PINION										
	X	135	Cmm	134,997	Pinion 1										
//	x	0,035	Cmm	0,004	Span dimension over 3 teeth										
	H	270 ^{+0,04} _{-0,04}	Cmm	270,008	G1	39,25 ⁰ _{-0,03}	Cmm	39,235				Line	Stiffness		
//	h	0,02	Cmm	0,015	g1	0,022	Di	0,01				Torsional stiffness (Nm/arcmin)	1	473,03	
	V1	357	Cmm	357,036	Pinion 2								2	473,03	
	L1	101	Cmm	101,335	Span dimension over 3 teeth								Radial stiffness (N/µm)	1	1076
	V2	357	Cmm	356,998	G2	39,25 ⁰ _{-0,03}	Cmm	39,235					2	1012	
	L2	101	Cmm	101,198	g2	0,022	Di	0,01							
∅	Q1	30 ^{+0,009} _{-0,004}	Cmm	30,006	No-load input torque										
∅	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,009	Line			1 Nm							
	J1	/0	Di	-0,01	Line 2			1 Nm							
	J2	/0	Di	0,01											
	J3	/0	Di	0,01											
					Noise level										
													@ 1600 rpm input (dB(A))	74,0	

Date: **03/03/2023**

Visa: **C DE MIRANDA**

Version: **A**



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