

CUSTOMER: **SPARK** CUSTOMER ORDER REF: ***RXCN2023111766 SPARK**

DISTRIBUTOR: **REDEX SHANGHAI REPAIRING** REDEX ORDER REF: **218358**

DESIGNATION: **DRP4+R.91.4.H** SERIAL NUMBER: **908582**

CODE: **RX129047-33** MOTOR FLANGE CODE: **RX129551-01**

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:	18,1 Nm

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

SPECIFIC REMARKS:

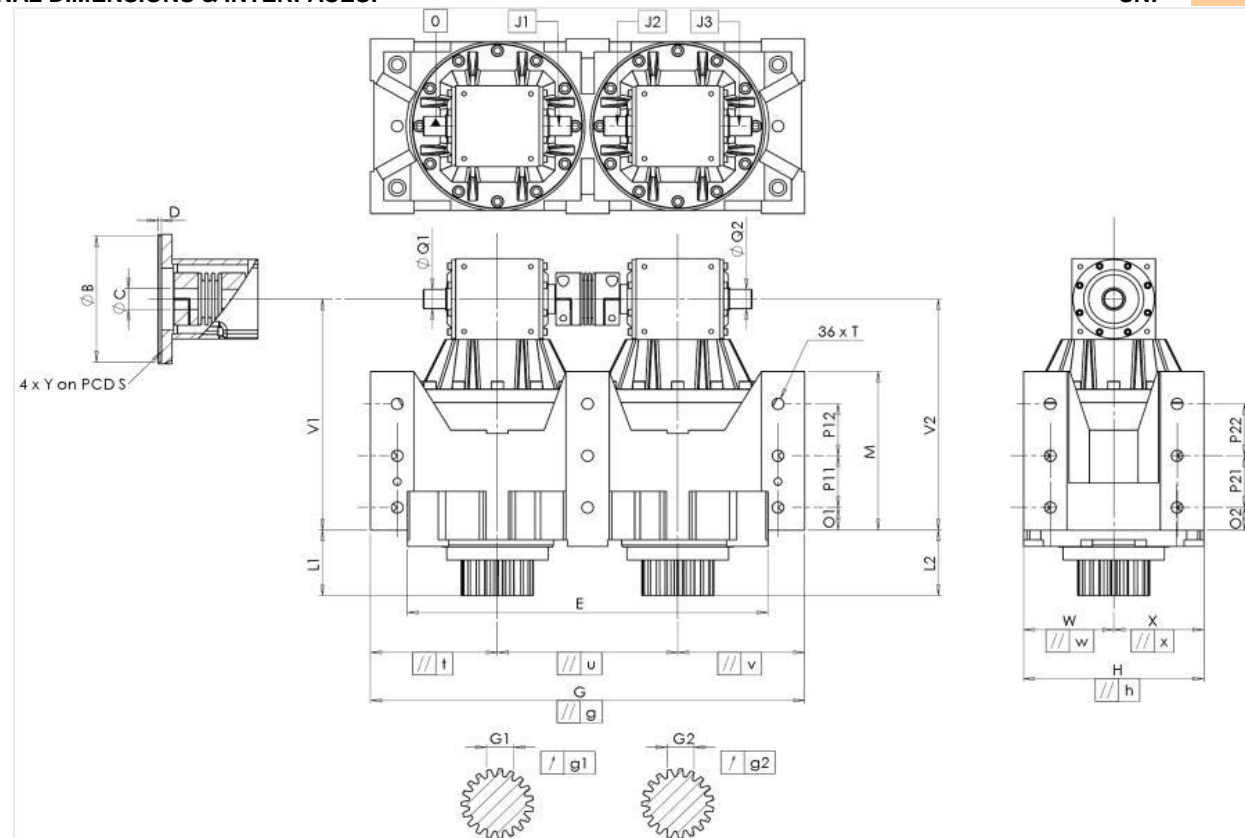
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EXTERNAL DIMENSIONS & INTERFACES: SN: **908582**



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				
		E8121		O1	43	Cr	43			G3599					
	E	640 ⁰ _{-0,1}	Cmm	639,958	P11	100	Cr	100	∅	B	180 ^{+0,054} _{+0,014}	µm	180,025		
	G	800 ^{+0,2} _{-0,2}	Cmm	799,8	P12	100	Cr	100	∅	C	38 ^{+0,05} _{+0,025}	µm	38,04		
//	g	0,05	Cmm	0,042	M	288 ^{+0,1} _{-0,1}	Cmm	288,013		D	8	Cr	8,11		
//	t	0,05	Cmm	0,002	O2	43	Cr	43	∅	S	215	Cr	215		
//	u	0,035	Cmm	0,004	P21	100	Cr	100	∅	Y	M12	Pg	M12		
//	v	0,05	Cmm	0,007	P22	100	Cr	100							
	W	160	Cmm	160,008	∅	T	M24	Pg	M24						
//	w	0,04	Cmm	0,001	OUTPUT PINION										
	X	160	Cmm	160,018	Pinion 1				G3456						
//	x	0,04	Cmm	0,001	Span dimension over 3 teeth										
	H	320 ^{+0,04} _{-0,04}	Cmm	320,026	G1	46,9 ⁰ _{-0,03}	Cmm	46,87				Line	Stiffness		
//	h	0,02	Cmm	0,013	g1	0,022	Di	0,01				Torsional stiffness (Nm/arcmin)	1	745,99	
	V1	435	Cmm	435,134	Pinion 2				G3464					2	745,99
	L1	120	Cmm	120,135	Span dimension over 3 teeth									1	1188
	V2	435	Cmm	435,168	G2	46,9 ⁰ _{-0,03}	Cmm	46,88				Radial stiffness (N/µm)	2	1056	
	L2	120	Cmm	120,148	g2	0,022	Di	0,01				Noise level			
∅	Q1	35 ^{+0,011} _{-0,005}	Cmm	35,011	No-load input torque				Line				2,2 Nm	@ 1300 rpm input (dB(A))	71,5
∅	Q2	35 ^{+0,011} _{-0,005}	Cmm	35,011	Line 2				2,5 Nm						
	J1	/0	Di	0,01											
	J2	/0	Di	0,02											
	J3	/0	Di	0,01											

Date: **18/04/2024**

Visa: **C DE MIRANDA**

Version: **A**



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