

CUSTOMER: SPARK CUSTOMER ORDER REF: *RXCN2025093076 SPARK *1601
 DISTRIBUTOR: REDEX SHANGHAI REPAIRING REDEX ORDER REF: 220478
 DESIGNATION: DRP4.R1.91.4.H SERIAL NUMBER: 910523
 CODE: RX136464-33 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:	22,8 Nm

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

SPECIFIC REMARKS:

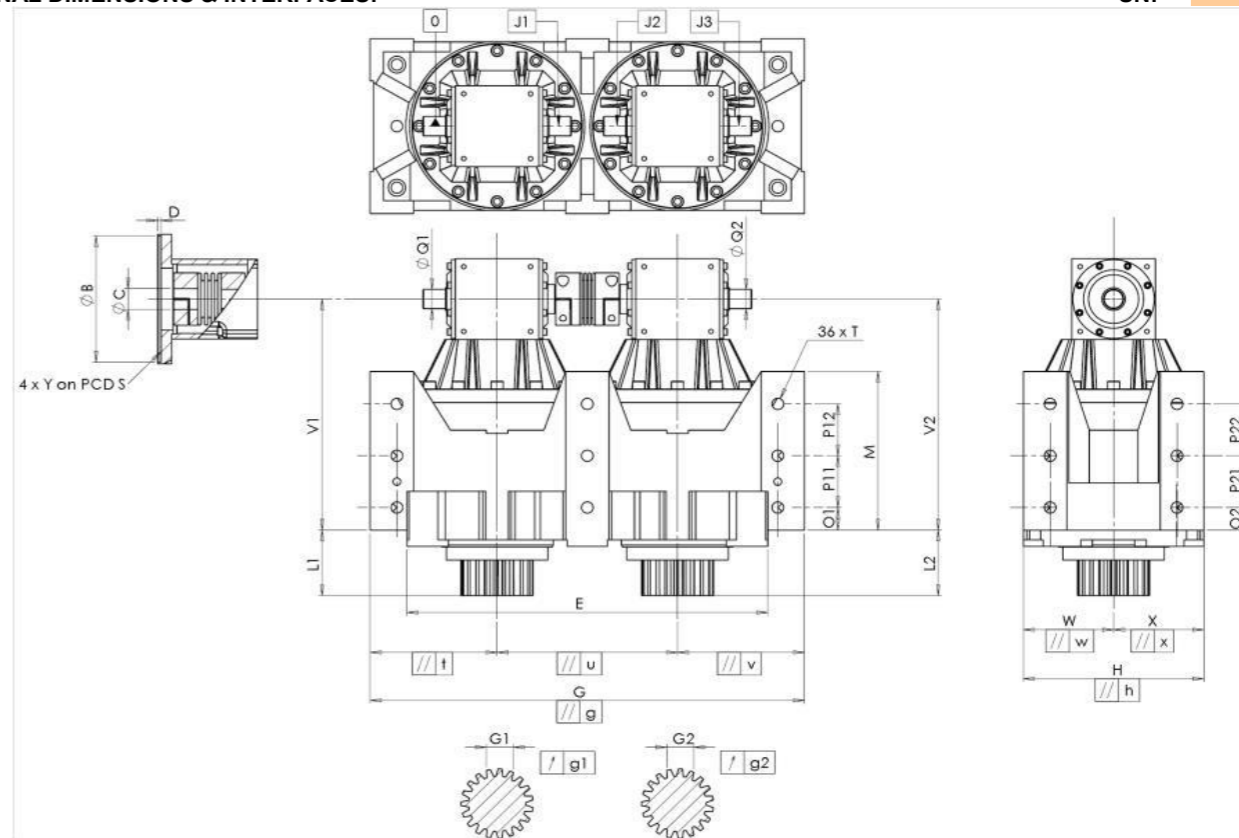
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EXTERNAL DIMENSIONS & INTERFACES: SN: 910523



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				
	J5087			O1	43	Cr	43	J3932					
E	640	⁰ / _{-0,1}	Cmm	639.951	P11	100	Cr	100	∅ B	180	^{+0,054} / _{+0,014}	µm	180.03
G	800	^{+0,2} / _{-0,2}	Cmm	799.93	P12	100	Cr	100	∅ C	38	^{+0,05} / _{+0,025}	µm	38.04
// g	0,05		Cmm	0.05	M	288	^{+0,1} / _{-0,1}	Cmm	287.939	D	8	Cr	8.11
// t	0,05		Cmm	0.007	O2	43	Cr	43	∅ S	215	Cr	215	
// u	0,035		Cmm	0.002	P21	100	Cr	100	∅ Y	M12	Pg	M12	
// v	0,05		Cmm	0.003	P22	100	Cr	100					
W	160		Cmm	159.988	∅ T	M24	Pg	M24					
// w	0,04		Cmm	0.001	OUTPUT PINION								
X	160		Cmm	160.009	Pinion 1								
// x	0,04		Cmm	0.001	H7092								
H	320	^{+0,04} / _{-0,04}	Cmm	319.997	Span dimension over 3 teeth								
// h	0,02		Cmm	0.019	G1	46,9	⁰ / _{-0,03}	Cmm	46.883				
V1	435		Cmm	435.13	g1	0,022	Di	0.01					
L1	120		Cmm	120.195	Pinion 2								
V2	435		Cmm	435.184	J1667								
L2	120		Cmm	120.172	Span dimension over 3 teeth								
∅ Q1	35	^{+0,011} / _{-0,005}	Cmm	35.011	G2	46,9	⁰ / _{-0,03}	Cmm	46.89				
∅ Q2	35	^{+0,011} / _{-0,005}	Cmm	35.011	g2	0,022	Di	0.01					
J1	/0		Di	0.04	No-load input torque								
J2	/0		Di	0.04	Line	3 Nm							
J3	/0		Di	0.03	Line 2	3 Nm							
					Noise level								
					@1300 rpm input (dB(A))				69.5				

Date: 26/03/2026

Visa: C DE MIRANDA

Version: A



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