

CUSTOMER: SPARK CUSTOMER ORDER REF: *RXCN2025093076 SPARK *1601
 DISTRIBUTOR: REDEX SHANGHAI REPAIRING REDEX ORDER REF: 220478
 DESIGNATION: DRP4.R1.91.4.H SERIAL NUMBER: 910524
 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:

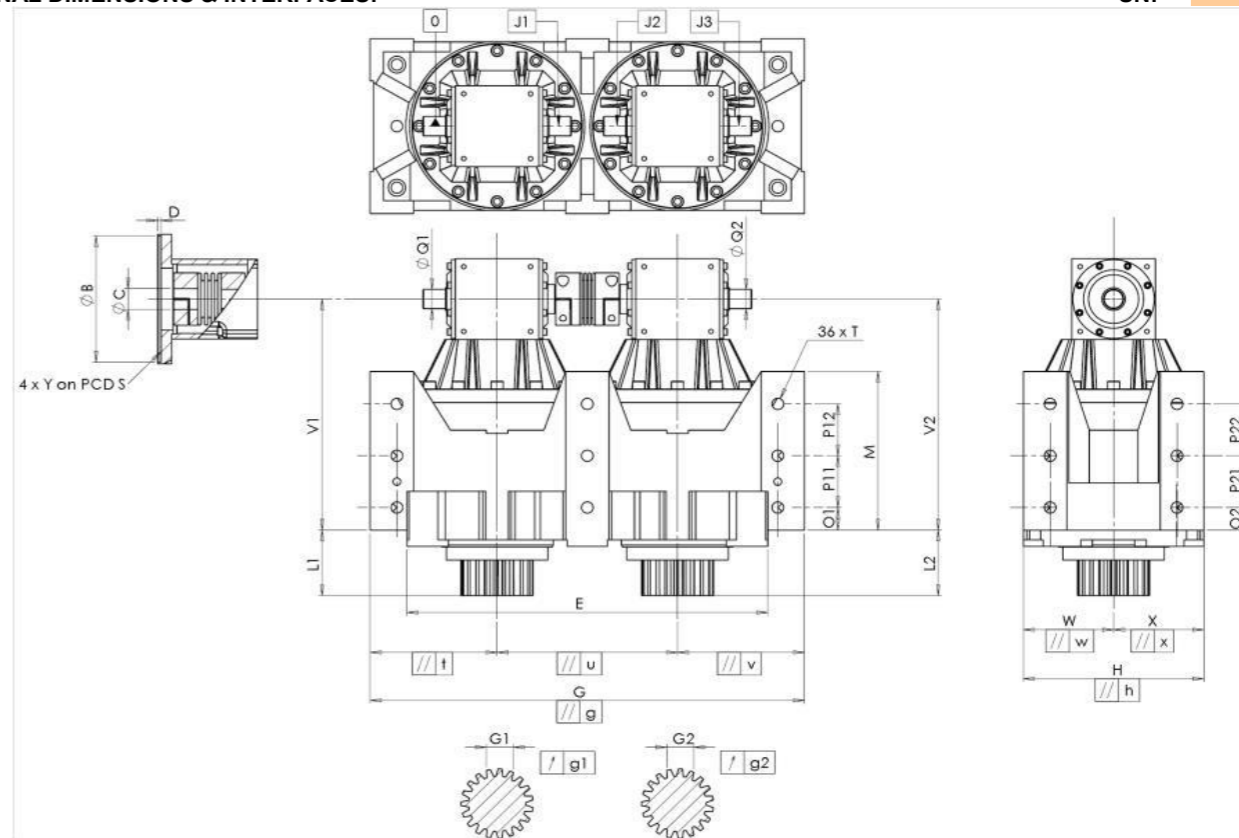
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EXTERNAL DIMENSIONS & INTERFACES: SN: 910524



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				
	J5088		O1	43	Cr	43	J3926				
E	640 ⁰ _{-0,1}	Cmm	639.942	P11	100	Cr	100	∅ B	180 ^{+0,054} _{+0,014}	µm	180.03
G	800 ^{+0,2} _{-0,2}	Cmm	799.942	P12	100	Cr	100	∅ C	38 ^{+0,05} _{+0,025}	µm	38.05
// g	0,05	Cmm	0.05	M	288 ^{+0,1} _{-0,1}	Cmm	287.979	D	8	Cr	8.11
// t	0,05	Cmm	0.001	O2	43	Cr	43	∅ S	215	Cr	215
// u	0,035	Cmm	0.003	P21	100	Cr	100	∅ Y	M12	Pg	M12
// v	0,05	Cmm	0.001	P22	100	Cr	100				
W	160	Cmm	160.006	∅ T	M24	Pg	M24				
// w	0,04	Cmm	0.002	OUTPUT PINION							
X	160	Cmm	160.002	Pinion 1		H7096					
// x	0,04	Cmm	0.002	Span dimension over 3 teeth							
H	320 ^{+0,04} _{-0,04}	Cmm	320.008	G1	46,9 ⁰ _{-0,03}	Cmm	46.88				
// h	0,02	Cmm	0.012	g1	0,022	Di	0.01				
V1	435	Cmm	435.092	Pinion 2		J1673					
L1	120	Cmm	120.17	Span dimension over 3 teeth							
V2	435	Cmm	435.052	G2	46,9 ⁰ _{-0,03}	Cmm	46.885				
L2	120	Cmm	120.183	g2	0,022	Di	0.01				
∅ Q1	35 ^{+0,011} _{-0,005}	Cmm	35.011	No-load input torque							
∅ Q2	35 ^{+0,011} _{-0,005}	Cmm	35.011	Line		2,2 Nm					
J1	/0	Di	0.02	Line 2		2,2 Nm					
J2	/0	Di	0.03				Noise level				
J3	/0	Di	0.01				@1300 rpm input (dB(A))		71.5		

Date: 26/03/2026
Version: A

Visa: C DE MIRANDA



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