

CUSTOMER: SPARK CUSTOMER ORDER REF: *RXCN2022102009 SPARK
 DISTRIBUTOR: REDEX SHANGHAI REPAIRING REDEX ORDER REF: 217330
 DESIGNATION: DRP3+R.91.4.H SERIAL NUMBER: 907355
 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:

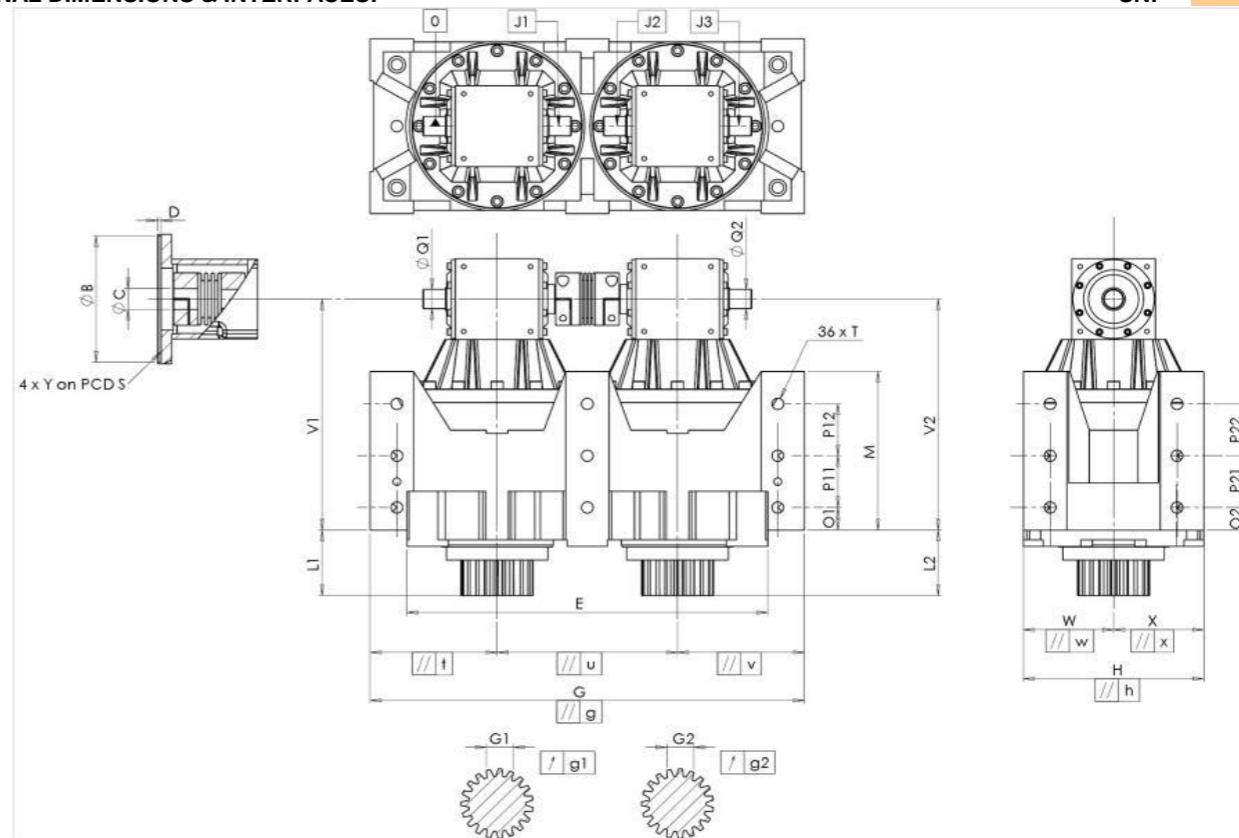
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EXTERNAL DIMENSIONS & INTERFACES: SN: 907355



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				
	F2430		O1	35	Cr	35	F4605				
E	540 ⁰ _{-0,1}	Cmm	539,944	P11	80	Cr	80	∅ B	180 ^{+0,054} _{+0,014}	µm	180,015
G	650 ^{+0,2} _{-0,2}	Cmm	649,974	P12	80	Cr	80	∅ C	38 ^{+0,05} _{+0,025}	µm	38,05
// g	0,045	Cmm	0,014	M	245 ^{+0,1} _{-0,1}	Cmm	244,954	D	8	Cr	8,1
// t	0,045	Cmm	0,006	O2	35	Cr	35	∅ S	215	Cr	215
// u	0,035	Cmm	0,013	P21	80	Cr	80	∅ Y	M12	Pg	M12
// v	0,045	Cmm	0,005	P22	80	Cr	80				
W	135	Cmm	135,013	∅ T	M20	Pg	M20				
// w	0,035	Cmm	0,004	OUTPUT PINION							
X	135	Cmm	135,008	Pinion 1		F2626					
// x	0,035	Cmm	0,005	Span dimension over 3 teeth							
H	270 ^{+0,04} _{-0,04}	Cmm	270,02	G1	39,25 ⁰ _{-0,03}	Cmm	39,235				
// h	0,02	Cmm	0,013	g1	0,022	Di	0,02				
V1	357	Cmm	357,013	Pinion 2		F2637					
L1	101	Cmm	101,217	Span dimension over 3 teeth							
V2	357	Cmm	356,996	G2	39,25 ⁰ _{-0,03}	Cmm	39,23				
L2	101	Cmm	101,266	g2	0,022	Di	0,02				
∅ Q1	30 ^{+0,009} _{-0,004}	Cmm	29,999	No-load input torque							
∅ Q2	30 ^{+0,009} _{-0,004}	Cmm	30,005	Line		0,9 Nm					
J1	/0	Di	-0,01	Line 2		0,9 Nm					
J2	/0	Di	0								
J3	/0	Di	-0,02								
								Noise level			
								@ 1600 rpm input (dB(A))		72,0	

Date: 03/03/2023

Visa: C DE MIRANDA

Version: A



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