

CUSTOMER: SPARK CUSTOMER ORDER REF: *RXCN2022122865 SPARK
 DISTRIBUTOR: REDEX SHANGHAI REPAIRING REDEX ORDER REF: 217514
 DESIGNATION: DRP3.R1.91.4.H SERIAL NUMBER: 907543
 CODE: RX135482-33 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:

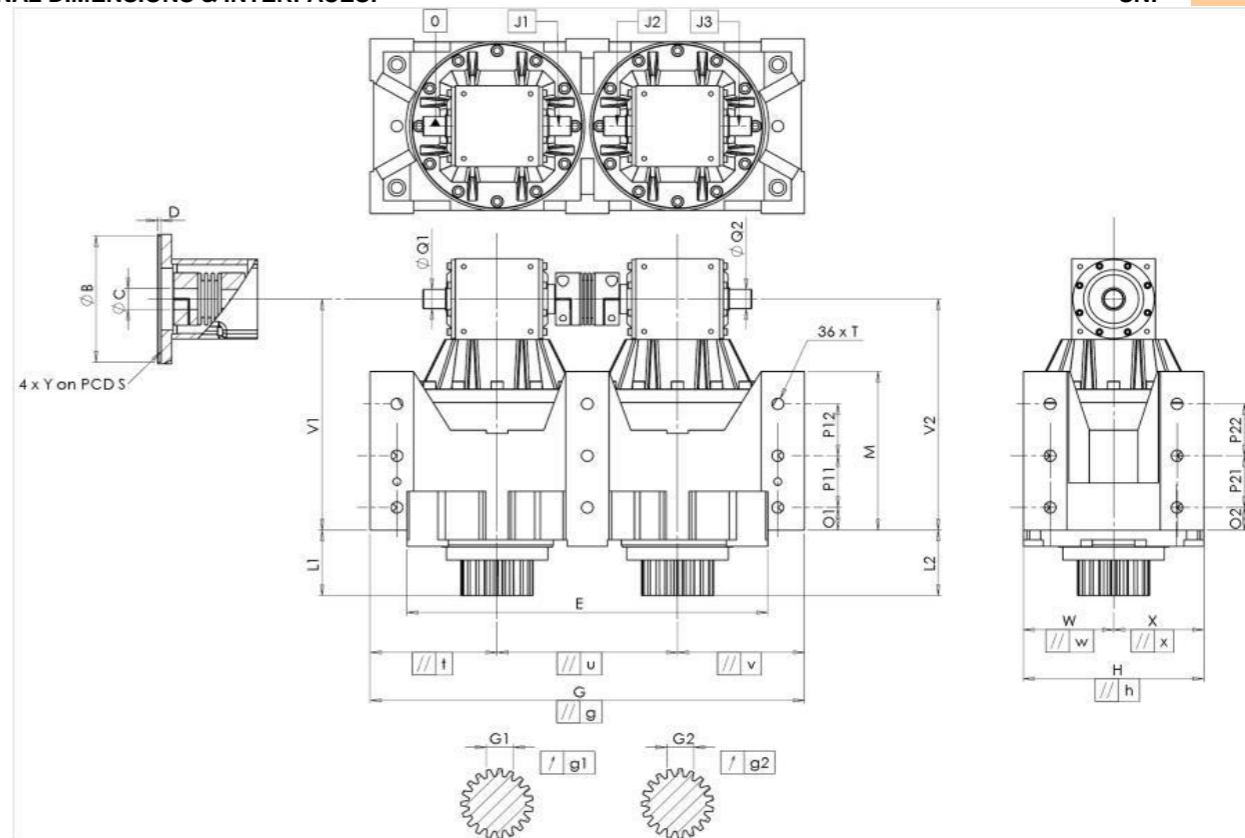
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EXTERNAL DIMENSIONS & INTERFACES: SN: 907543



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		F4647				
	F6570		O1	35	Cr	35							
E	540	⁰ / _{-0,1} Cmm	539,957	P11	80	Cr	80	Ø	B	180	^{+0,054} / _{+0,014} µm	180,015	
G	650	^{+0,2} / _{-0,2} Cmm	649,96	P12	80	Cr	80	Ø	C	38	^{+0,05} / _{+0,025} µm	38,03	
//	g	0,045	Cmm	0,02	M	245	^{+0,1} / _{-0,1} Cmm	244,992	D	8	Cr	8,08	
//	t	0,045	Cmm	0,001	O2	35	Cr	35	Ø	S	215	Cr	215
//	u	0,035	Cmm	0,008	P21	80	Cr	80	Ø	Y	M12	Pg	M12
//	v	0,045	Cmm	0,008	P22	80	Cr	80					
	W	135	Cmm	135,001	Ø	T	M20	Pg	M20				
//	w	0,035	Cmm	0,009	OUTPUT PINION								
	X	135	Cmm	135,041	Pinion 1		F2616						
//	x	0,035	Cmm	0,011	Span dimension over 3 teeth								
	H	270	^{+0,04} / _{-0,04} Cmm	270,04	G1	39,25	⁰ / _{-0,03} Cmm	39,23					
//	h	0,02	Cmm	0,02	g1	0,022	Di	0,02					
	V1	357	Cmm	357,05	Pinion 2		F3047						
	L1	101	Cmm	101,191	Span dimension over 3 teeth								
	V2	357	Cmm	356,982	G2	39,25	⁰ / _{-0,03} Cmm	39,23					
	L2	101	Cmm	101,304	g2	0,022	Di	0,01					
Ø	Q1	30	^{+0,009} / _{-0,004} Cmm	29,998	No-load input torque								
Ø	Q2	30	^{+0,009} / _{-0,004} Cmm	30,009	Line		0,7 Nm						
	J1	/0	Di	0	Line 2		0,7 Nm						
	J2	/0	Di	0									
	J3	/0	Di	0,02									
											Line	Stiffness	
											Torsional stiffness (Nm/arcmin)	1	473,03
												2	473,03
											Radial stiffness (N/µm)	1	958
												2	915
											Noise level		
											@ 1600 rpm input (dB(A))	72,0	

Date: 30/05/2023

Visa: C DE MIRANDA

Version: A



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