CUSTOMER:	SPARK	**CUSTOMER ORDER REF:**	*RXCN2022122865 SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	**REDEX ORDER REF:**	217514
DESIGNATION:	DRP3.R1.91.4.H	**SERIAL NUMBER:**	907542
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:

Product images are for illustrative purposes only.

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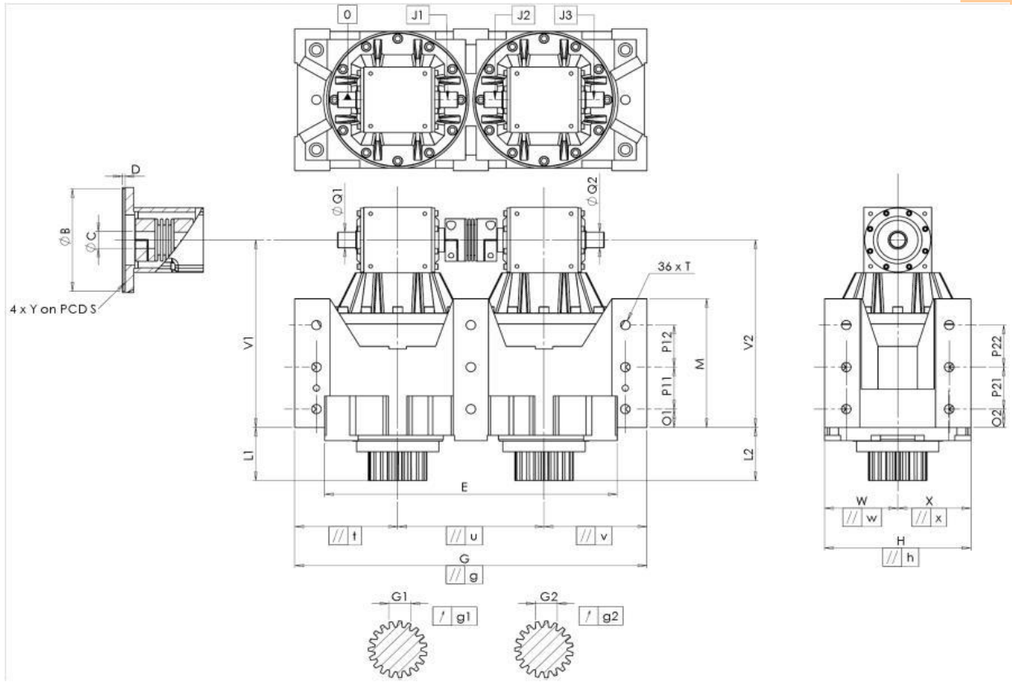
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 907542



General tolerance: Js13 | *Cmm* Automatic / manual coordinate-measuring machine | *µm* Micrometer | *Cr* Calliper rule | *Di* Dial indicator | *Pg* Plug gauge

HOUSING requirement				HOUSING measure		HOUSING requirement				HOUSING measure	MOTOR FLANGE requirement				MOTOR FLANGE measure
					F6569		O1	35	Cr	35					F4645
	E	540 $^{0}_{-0,1}$	Cmm	539,971		P11	80	Cr	80	Ø	B	180 $^{+0,054}_{+0,014}$	µm	180,015
	G	650 $^{+0,2}_{-0,2}$	Cmm	649,932		P12	80	Cr	80	Ø	C	38 $^{+0,05}_{+0,025}$	µm	38,025
//	g	0,045	Cmm	0,038		M	245 $^{+0,1}_{-0,1}$	Cmm	244,983		D	8	Cr	8,08
//	t	0,045	Cmm	0,006		O2	35	Cr	35	Ø	S	215	Cr	215
//	u	0,035	Cmm	0,011		P21	80	Cr	80	Ø	Y	M12	Pg	M12
//	v	0,045	Cmm	0,007		P22	80	Cr	80					
	W	135	Cmm	135,02		Ø T	M20	Pg	M20					
//	w	0,035	Cmm	0,007										
	X	135	Cmm	134,993										
//	x	0,035	Cmm	0,005										
	H	270 $^{+0,04}_{-0,04}$	Cmm	270,013										
//	h	0,02	Cmm	0,02										
	V1	357	Cmm	356,972										
	L1	101	Cmm	101,321										
	V2	357	Cmm	356,892										
	L2	101	Cmm	101,232										
Ø	Q1	30 $^{+0,009}_{-0,004}$	Cmm	30,006										
Ø	Q2	30 $^{+0,009}_{-0,004}$	Cmm	30,005										
	J1	/0	Di	0										
	J2	/0	Di	0,02										
	J3	/0	Di	0,02										

OUTPUT PINION				
Pinion 1				F2609
Span dimension over 3 teeth				
	G1	39,25 $^{0}_{-0,03}$	Cmm	39,23
↗	g1	0,022	Di	0,01
Pinion 2				F2610
Span dimension over 3 teeth				
	G2	39,25 $^{0}_{-0,03}$	Cmm	39,23
↗	g2	0,022	Di	0,01

No-load input torque	
Line	0,6 Nm
Line 2	0,7 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03
	2	473,03
Radial stiffness (N/µm)	1	1062
	2	906

Noise level	
@1600 rpm input (dB(A))	72,5

Date: 30/05/2023 **Visa:** C DE MIRANDA

Version: A

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