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CUSTOMER:	SPARK MACHINERY	**CUSTOMER ORDER REF:**	GCN003214 SPARK MACHINERY
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATIOI	**REDEX ORDER REF:**	212473
DESIGNATION:	DRP3+R.91.4.H	**SERIAL NUMBER:**	901445
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:

Product images are for illustrative purposes only.

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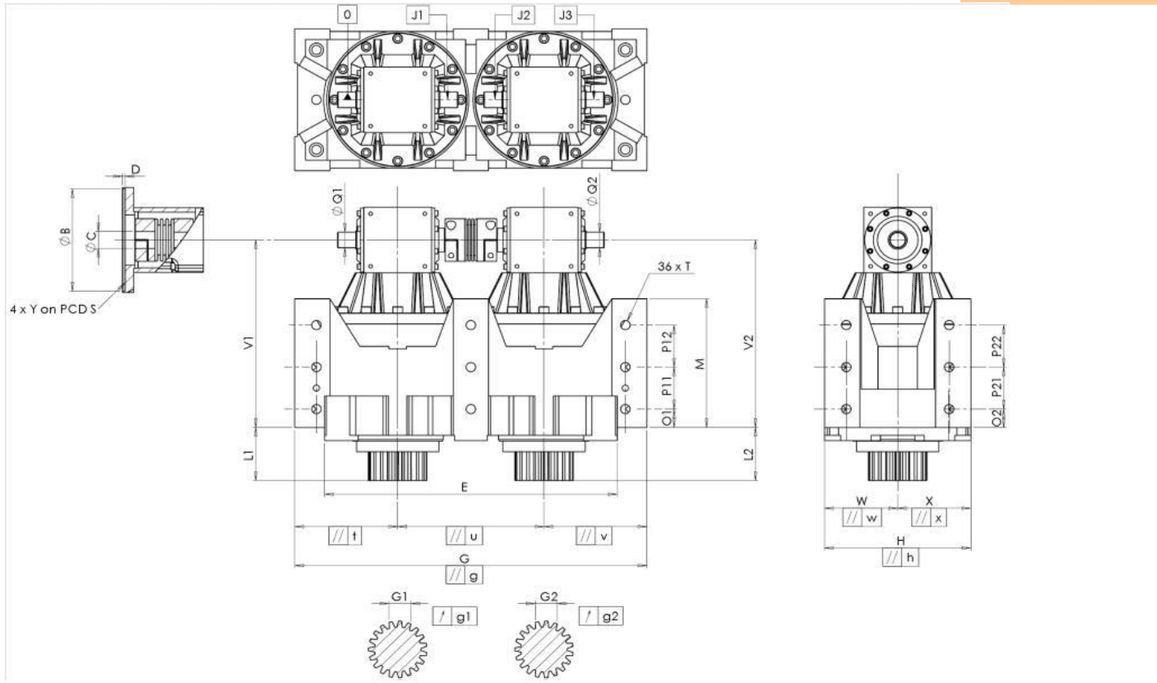
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 901445



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
					A8037		O1	35	Cr	35							A4405
	E	540 $^{0}_{-0,1}$	Cmm	539,953		P11	80	Cr	80	Ø	B	180 $^{+0,054}_{+0,014}$	µm	180,029	
	G	650 $^{+0,2}_{-0,2}$	Cmm	649,997		P12	80	Cr	80	Ø	C	38 $^{+0,05}_{+0,025}$	µm	38,04	
//	g	0,045	Cmm	0,024		M	245 $^{+0,1}_{-0,1}$	Cmm	244,935		D	8	Cr	8,085	
//	t	0,045	Cmm	0,001		O2	35	Cr	35	Ø	S	215	Cr	215	
//	u	0,035	Cmm	0,004		P21	80	Cr	80	Ø	Y	M12	Pg	M12	
//	v	0,045	Cmm	0,005		P22	80	Cr	80						
	W	135	Cmm	135,016		Ø T	M20	Pg	M20						
//	w	0,035	Cmm	0,006											
	X	135	Cmm	134,989											
//	x	0,035	Cmm	0,006											
	H	270 $^{+0,04}_{-0,04}$	Cmm	270,005											
//	h	0,02	Cmm	0,008											
	V1	357	Cmm	357,094											
	L1	101	Cmm	101,25											
	V2	357	Cmm	357,122											
	L2	101	Cmm	101,28											
Ø	Q1	30 $^{+0,009}_{-0,004}$	Cmm	30,005											
Ø	Q2	30 $^{+0,009}_{-0,004}$	Cmm	30,005											
	J1	/0	µm	0,01											
	J2	/0	µm	0,01											
	J3	/0	µm	0,02											

OUTPUT PINION	
Pinion 1	N2210
Span dimension over 3 teeth	
G1 39,25 $^{0}_{-0,03}$ Cmm	39,235
g1 0,022 Di	0,005
Pinion 2	N2207
Span dimension over 3 teeth	
G2 39,25 $^{0}_{-0,03}$ Cmm	39,23
g2 0,022 Di	0,02

No-load input torque	
Line	1 Nm
Line 2	1 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03
	2	473,03
Radial stiffness (N/µm)	1	936
	2	912

Noise level	
@1600 rpm input (dB(A))	75,5

Date: 22/02/2018 **Visa:** C DE MIRANDA p.o. JP MOZZICONACCI

Version: A

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