CUSTOMER:	SPARK	**CUSTOMER ORDER REF:**	GCN001384 SPARK
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATIO	**REDEX ORDER REF:**	211200
DESIGNATION:	DRP1+R.31.4.H	**SERIAL NUMBER:**	899581
CODE:	RX128461-12	**MOTOR FLANGE CODE:**	RX130963-02

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:	**6,8 Nm**

For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

Accepted according the derogation RX8768 *

Product images are for illustrative purposes only.

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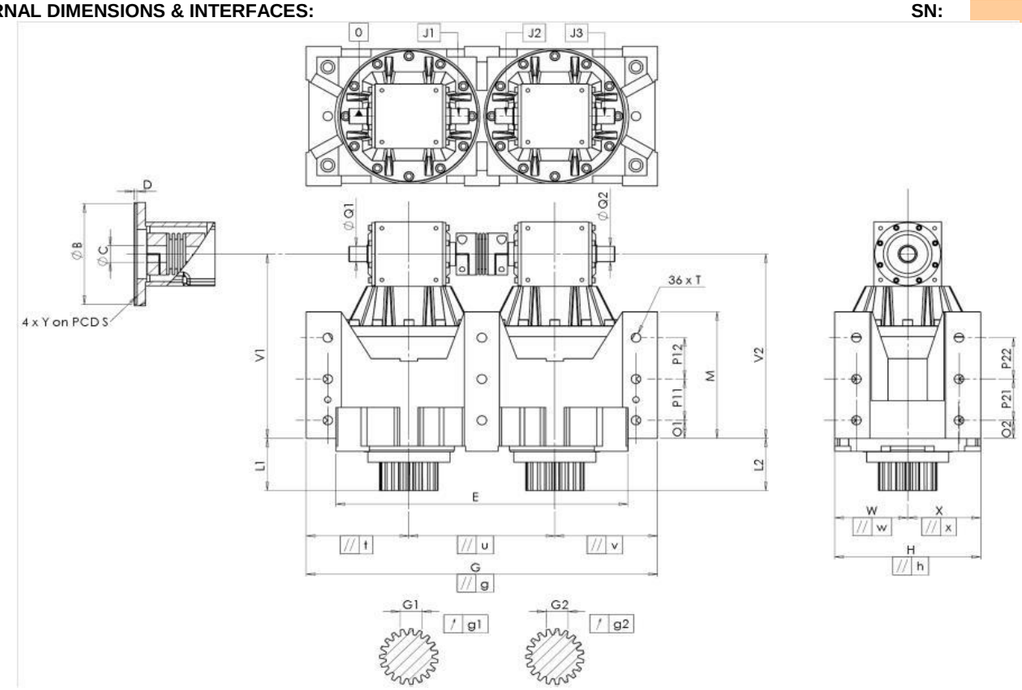
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 899581



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

HOUSING requirement					HOUSING measure
					K6634
	E	380	0 / -0,05	Cmm	379,95
	G	470	+0,1 / -0,1	Cmm	469,928
//	g	0,04		Cmm	0,015
//	t	0,04		Cmm	0,003
//	u	0,03		Cmm	0,004
//	v	0,04		Cmm	0,005
	W	95		Cmm	94,996
//	w	0,03		Cmm	0,004
	X	95		Cmm	95,008
//	x	0,03		Cmm	0,001
	H	190	+0,025 / -0,025	Cmm	190,004
//	h	0,02		Cmm	0,017
	V1	229		Cmm	229,29
	L1	70		Cmm	69,8
	V2	229		Cmm	229,26
	L2	70		Cmm	69,86
Ø	Q1	20	+0,009 / -0,004	Cmm	20,003
Ø	Q2	20	+0,009 / -0,004	Cmm	20,005
	J1		/0	µm	0,025
	J2		/0	µm	0,05
	J3		/0	µm	0,03

HOUSING requirement					HOUSING measure
	O1	20		Cr	20
	P11	65		Cr	65
	P12	65		Cr	65
	M	172	+0,1 / -0,1	Cmm	172,022
	O2	20		Cr	20
	P21	65		Cr	65
	P22	65		Cr	65
Ø	T	M12		Pg	M12

OUTPUT PINION					
Pinion 1					O1404
Span dimension over 3 teeth					
	G1	23,28	0 / -0,03	Cmm	23,265
↗	g1	0,021		Di	0,015
Pinion 2					O1401
Span dimension over 3 teeth					
	G2	23,28	0 / -0,03	Cmm	23,265
↗	g2	0,021		Di	0,01

No-load input torque	
Line	0,3 Nm
Line 2	0,3 Nm

MOTOR FLANGE requirement					MOTOR FLANGE measure
					J5540
Ø	B	180	+0,054 / +0,014	µm	180,014
Ø	C	38	+0,05 / +0,025	µm	38,05
	D	7		Cr	7,1
Ø	S	215		Cr	214,99
Ø	Y	M12		Pg	M12

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	81,39
	2	81,39
Radial stiffness (N/µm)	1	361
	2	300

Noise level	
@2600 rpm input (dB(A))	70 *

Date: 06/12/2016 **Visa:** J ONGANER

Version: A

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