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CUSTOMER:	SPARK	**CUSTOMER ORDER REF:**	GCN002389 SPARK
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATIO	**REDEX ORDER REF:**	211823
DESIGNATION:	DRP4+R.91.4.H	**SERIAL NUMBER:**	900523
CODE:	RX129047-33	**MOTOR FLANGE CODE:**	RX129551-01

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:	**18,1 Nm**

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

SPECIFIC REMARKS:

(1)Accepted according to Redex derogation RX9312

Product images are for illustrative purposes only.

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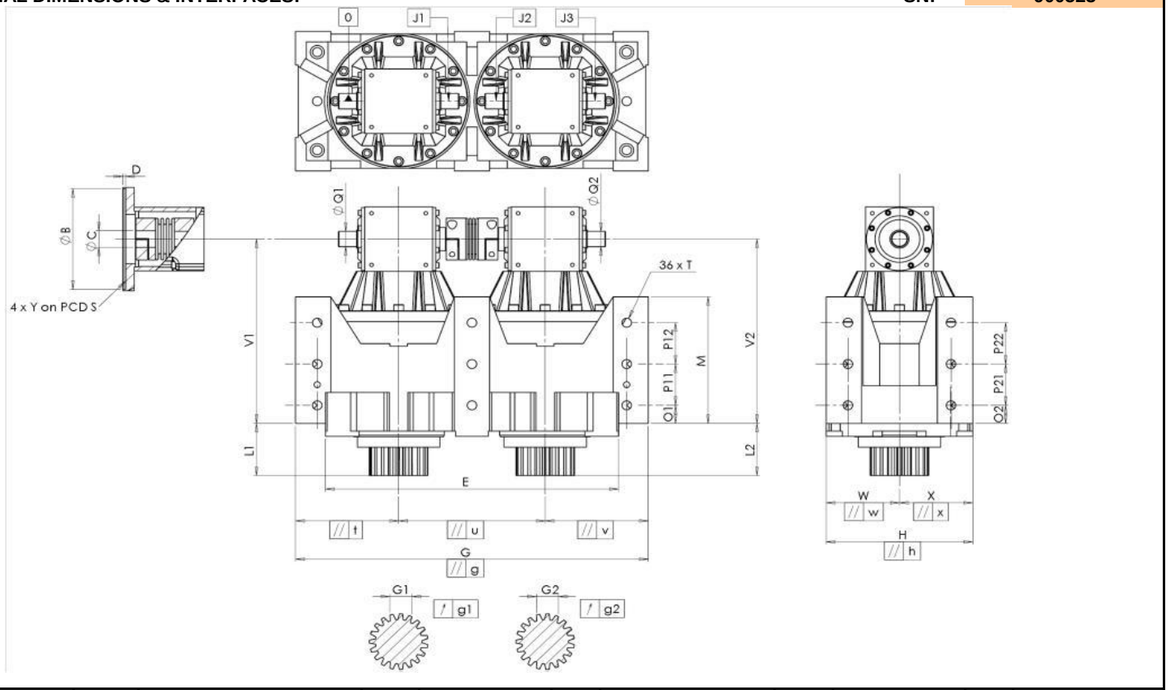
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 900523



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
					A175		O1	43	*Cr*	43							A1263
	E	640 $^{0}_{-0,1}$	*Cmm*	639,967		P11	100	*Cr*	100		Ø	B	180 $^{+0,054}_{+0,014}$	*µm*	180,054
	G	800 $^{+0,2}_{-0,2}$	*Cmm*	799,971		P12	100	*Cr*	100		Ø	C	38 $^{+0,05}_{+0,025}$	*µm*	38,04
//	g	0,05	*Cmm*	0,043		M	288 $^{+0,1}_{-0,1}$	*Cmm*	287,892(1)			D	8	*Cr*	8,114
//	t	0,05	*Cmm*	0,007		O2	43	*Cr*	43		Ø	S	215	*Cr*	215
//	u	0,035	*Cmm*	0,008		P21	100	*Cr*	100		Ø	Y	M12	*Pg*	M12
//	v	0,05	*Cmm*	0,002		P22	100	*Cr*	100						
	W	160	*Cmm*	160		Ø T	M24	*Pg*	M24						
//	w	0,04	*Cmm*	0,003											
	X	160	*Cmm*	160,02											
//	x	0,04	*Cmm*	0,002											
	H	320 $^{+0,04}_{-0,04}$	*Cmm*	320,02											
//	h	0,02	*Cmm*	0,02											
	V1	435	*Cmm*	435,227											
	L1	120	*Cmm*	120,023											
	V2	435	*Cmm*	435,24											
	L2	120	*Cmm*	120,055											
Ø	Q1	35 $^{+0,011}_{-0,005}$	*Cmm*	35,01											
Ø	Q2	35 $^{+0,011}_{-0,005}$	*Cmm*	35,005											
	J1	/0	*µm*	0,01											
	J2	/0	*µm*	0,02											
	J3	/0	*µm*	0,03											

OUTPUT PINION				
Pinion 1				O2267
Span dimension over 3 teeth				
	G1	46,9 $^{0}_{-0,03}$	*Cmm*	46,885
/	g1	0,022	*Di*	0,01
Pinion 2				O2280
Span dimension over 3 teeth				
	G2	46,9 $^{0}_{-0,03}$	*Cmm*	46,885
/	g2	0,022	*Di*	0,02

No-load input torque	
Line	1,8 Nm
Line 2	1,8 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	745,99
	2	745,99
Radial stiffness (N/µm)	1	1059
	2	1037

Noise level	
@1300 rpm input (dB(A))	71,5

Date: 02/08/2017 **Visa:** J ONGANER

Version: A

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