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CUSTOMER:	SPARK	CUSTOMER ORDER REF: GCN003474 SPARK
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATIO	REDEX ORDER REF: 212618
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER: 901642
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)

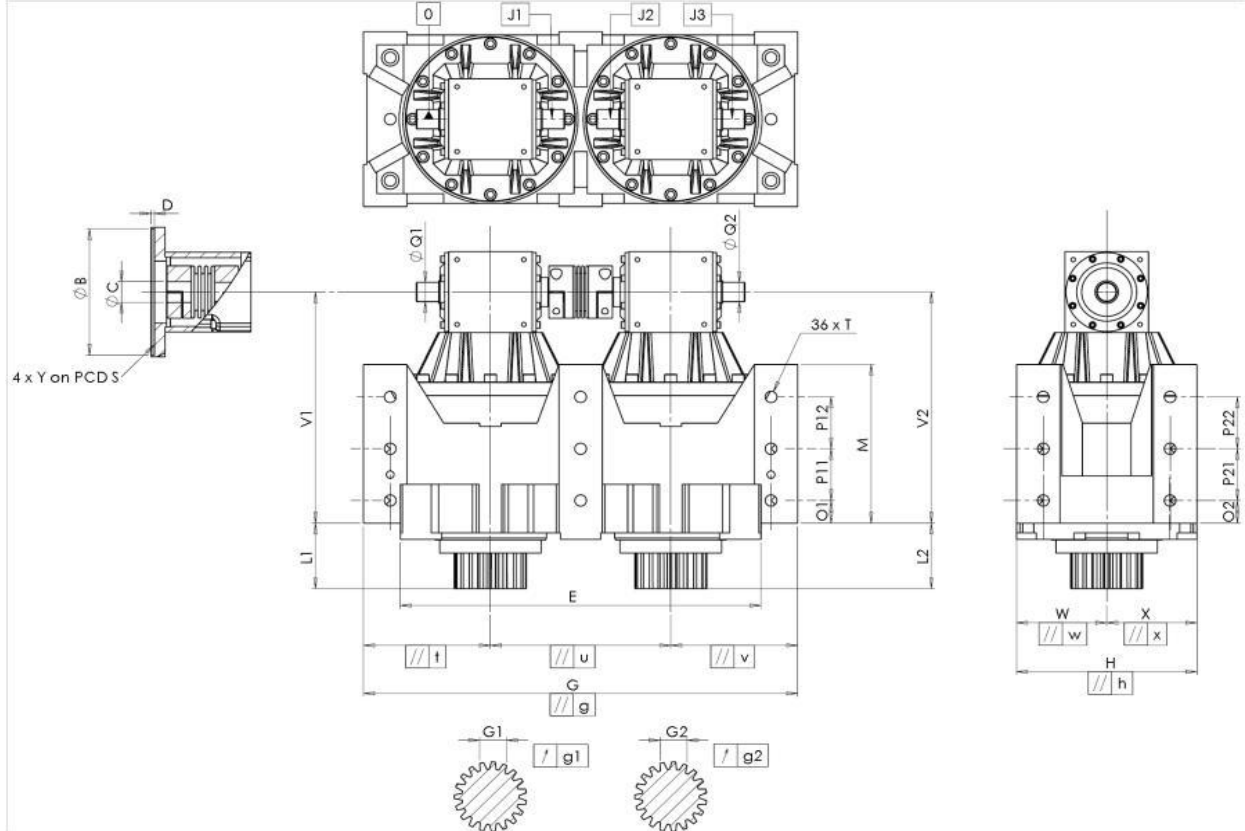
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 901642
		

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			
						A8986						43						A7849			
	E	640	⁰ _{-0,1}	Cmm	639.955			O1	43	Cr	43			Ø	B	180	^{+0,054} _{+0,014}	µm	180.029		
	G	800	^{+0,2} _{-0,2}	Cmm	799.978			P11	100	Cr	100			Ø	C	38	^{+0,05} _{+0,025}	µm	38.05		
//	g	0,05		Cmm	0.014			M	288	^{+0,1} _{-0,1}	Cmm	287.955			D	8		Cr	8.11		
//	t	0,05		Cmm	0.004			O2	43	Cr	43			Ø	S	215		Cr	215		
//	u	0,035		Cmm	0.009			P21	100	Cr	100			Ø	Y	M12		Pg	M12		
//	v	0,05		Cmm	0.003			P22	100	Cr	100										
	W	160		Cmm	159.996		Ø	T	M24	Pg	M24										
//	w	0,04		Cmm	0.005	OUTPUT PINION															
	X	160		Cmm	160.011	Pinion 1						N1945									
//	x	0,04		Cmm	0.004	Span dimension over 3 teeth															
	H	320	^{+0,04} _{-0,04}	Cmm	320.007			G1	46,9	⁰ _{-0,03}	Cmm	46.88									
//	h	0,02		Cmm	0.018		↗	g1	0,022		Di	0.01					Line		Stiffness		
	V1	435		Cmm	435.127										Torsional stiffness (Nm/arcmin)	1		745,99			
	L1	120		Cmm	120.219											2		745,99			
	V2	435		Cmm	435.127	Span dimension over 3 teeth									Radial stiffness (N/µm)	1		1023			
	L2	120		Cmm	120.23			G2	46,9	⁰ _{-0,03}	Cmm	46.88					2		1034		
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35		↗	g2	0,022		Di	0.01									
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35	No-load input torque															
	J1	/0		µm	0	Line						1 Nm									
	J2	/0		µm	0.01	Line 2						1,8 Nm									
	J3	/0		µm	0																
																		Noise level			
														@1300 rpm input (dB(A))		71.0					

Date: 27/04/2018

Visa: C DE MIRANDA

Version: A

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