

CUSTOMER:	SPARK	CUSTOMER ORDER REF:	GCN003680 SPARK
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATIO	REDEX ORDER REF:	212749
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER:	901692
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 T_p :

Following application

Maximum preload torque:

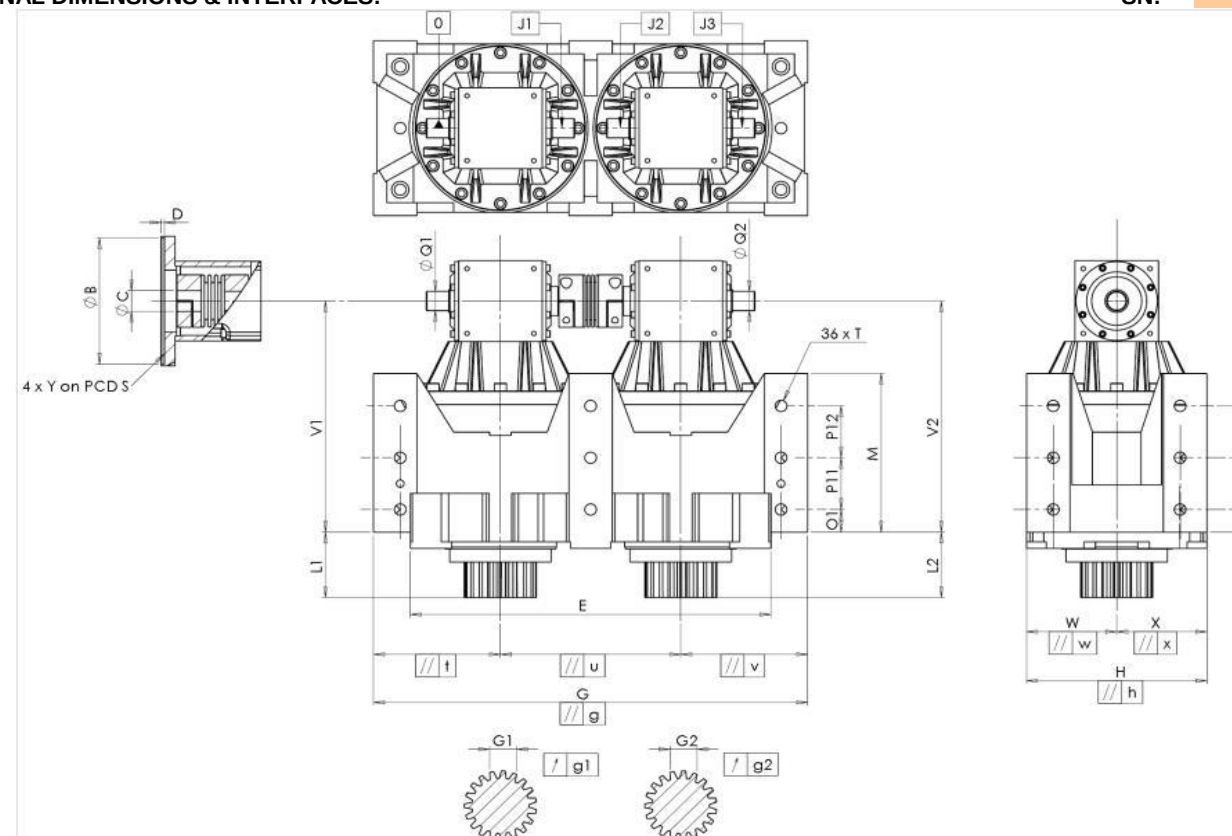
10 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 901692



General tolerance: Js13	<i>Cmm</i>	Automatic / manual coordinate-measuring machine	μm	Micrometer	<i>Cr</i>	Calliper rule	<i>Di</i>	Dial indicator	<i>Pg</i>	Plug gauge
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HOUSING					HOUSING					MOTOR FLANGE																
requirement					measure					requirement					measure											
					B856										A4406											
	E	540	⁰ _{-0,1}	Cmm	539,962		O1	35	Cr	35		Ø	B	180	^{+0,054} _{+0,014}	µm	180,028									
	G	650	^{+0,2} _{-0,2}	Cmm	650,008		P11	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05									
//	g	0,045		Cmm	0,011		M	245	^{+0,1} _{-0,1}	Cmm	245,045		D	8		Cr	8,085									
//	t	0,045		Cmm	0,002		O2	35		Cr	35		Ø	S	215		Cr	215								
//	u	0,035		Cmm	0,027		P21	80		Cr	80		Ø	Y	M12		Pg	M12								
//	v	0,045		Cmm	0,025		P22	80		Cr	80															
	W	135		Cmm	135,01	Ø	T	M20		Pg	M20															
//	w	0,035		Cmm	0,001	OUTPUT PINION																				
	X	135		Cmm	135,026	Pinion 1					N2467															
//	x	0,035		Cmm	0,002	Span dimension over 3 teeth																				
	H	270	^{+0,04} _{-0,04}	Cmm	270,036		G1	39,25	⁰ _{-0,03}	Cmm	39,235															
//	h	0,02		Cmm	0,009	↗	g1	0,022		Di	0,015															
	V1	357		Cmm	357,208	Pinion 2					N2609															
	L1	101		Cmm	101,064	Span dimension over 3 teeth																				
	V2	357		Cmm	357,206		G2	39,25	⁰ _{-0,03}	Cmm	39,24															
	L2	101		Cmm	101,026	↗	g2	0,022		Di	0,02															
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,005	No-load input torque																				
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,006	Line 1					1 Nm															
	J1	/0		µm	0,01	Line 2					1 Nm															
	J2	/0		µm	0,005																					
	J3	/0		µm	0,04																					
Noise level																										
@1600 rpm input (dB(A))															70,5											

Date: 25/05/2018

Visa: C DE MIRANDA p.o. JP MOZZICONATO

Version: A