

CUSTOMER:	SPARK	CUSTOMER ORDER REF:	REDCN RXCN20191219076 SPA
DISTRIBUTOR:		REDEX ORDER REF:	214879
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER:	904144
CODE:	RX128771-33	MOTOR FLANGE CODE:	RX129474-11

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:

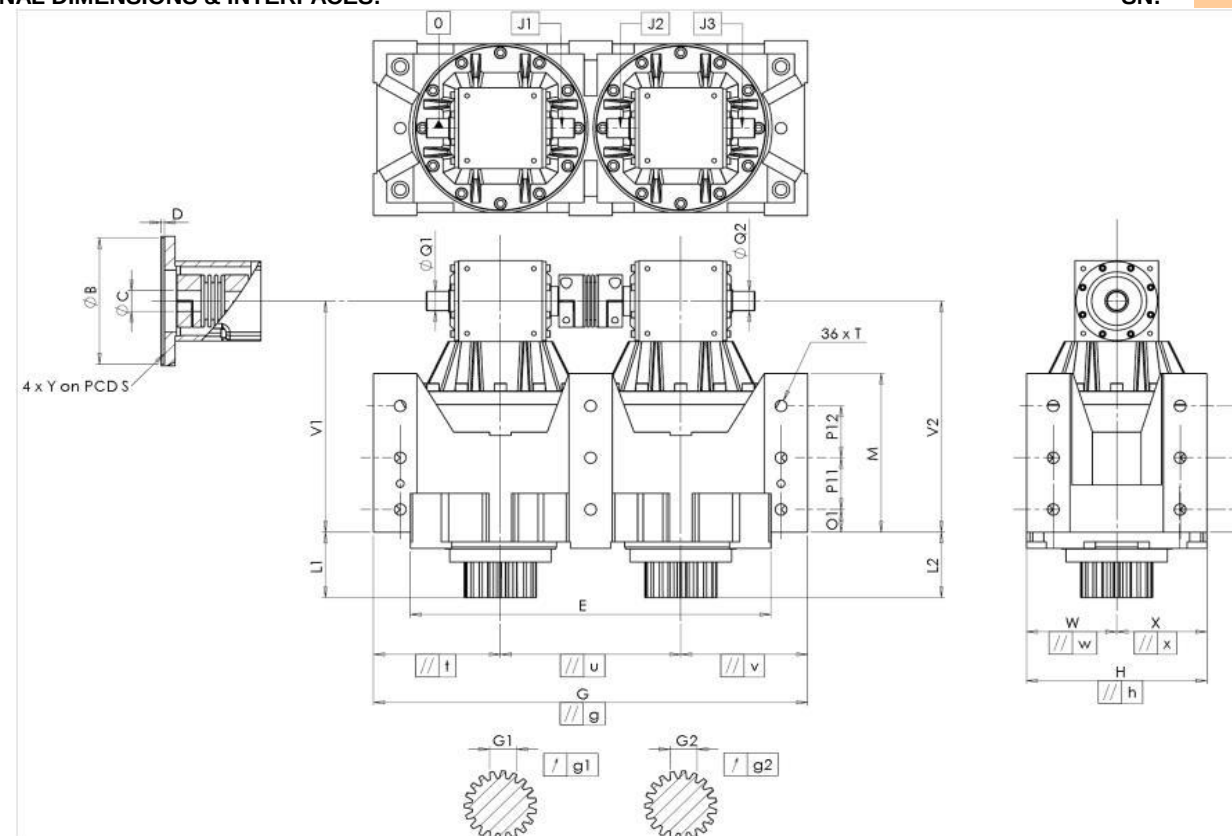
10 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 904144



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		requirement			measure	
				C3451											M714	
	E	540 ⁰ _{-0,1}	Cmm	539,972			P11	80	Cr	80		∅	B	180 ^{+0,054} _{+0,014}	µm	180,034
	G	650 ^{+0,2} _{-0,2}	Cmm	650,016			P12	80	Cr	80		∅	C	38F7 ^{+0,050} _{+0,025}	µm	38,04
//	g	0,045	Cmm	0,011			M	245 ^{+0,1} _{-0,1}	Cmm	245,026			D	8	Cr	8,09
//	t	0,045	Cmm	0,004			O2	35	Cr	35		∅	S	215	Cr	215
//	u	0,035	Cmm	0,014			P21	80	Cr	80		∅	Y	M14	Pg	M14
//	v	0,045	Cmm	0,011			P22	80	Cr	80						
	W	135	Cmm	135,002		∅	T	M20	Pg	M20						
OUTPUT PINION																
	X	135	Cmm	135,014		Pinion 1				L3872						
//	x	0,035	Cmm	0,006		Span dimension over 3 teeth										
	H	270 ^{+0,04} _{-0,04}	Cmm	270,017			G1	39,25 ⁰ _{-0,03}	Cmm	39,235						
//	h	0,02	Cmm	0,013		↗	g1	0,022	Di	0,01						
	V1	357	Cmm	357,278		Pinion 2				L3880						
	L1	101	Cmm	101,479		Span dimension over 3 teeth										
	V2	357	Cmm	357,204			G2	39,25 ⁰ _{-0,03}	Cmm	39,23						
	L2	101	Cmm	101,364		↗	g2	0,022	Di	0,01						
∅	Q1	30 ^{+0,009} _{-0,004}	Cmm	30		No-load input torque										
∅	Q2	30 ^{+0,009} _{-0,004}	Cmm	29,999		Line				0,5 Nm						
	J1	/0	µm	0,01		Line 2				0,5 Nm						
	J2	/0	µm	0,03							@1600 rpm input (dB(A))		65,5			
	J3	/0	µm	0,05												

Date: 11/02/2020

Visa: C DE MIRANDA

Version: A