

CUSTOMER:	SPARK	CUSTOMER ORDER REF:	RXCN20191219077 SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF:	214878
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER:	904244
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:

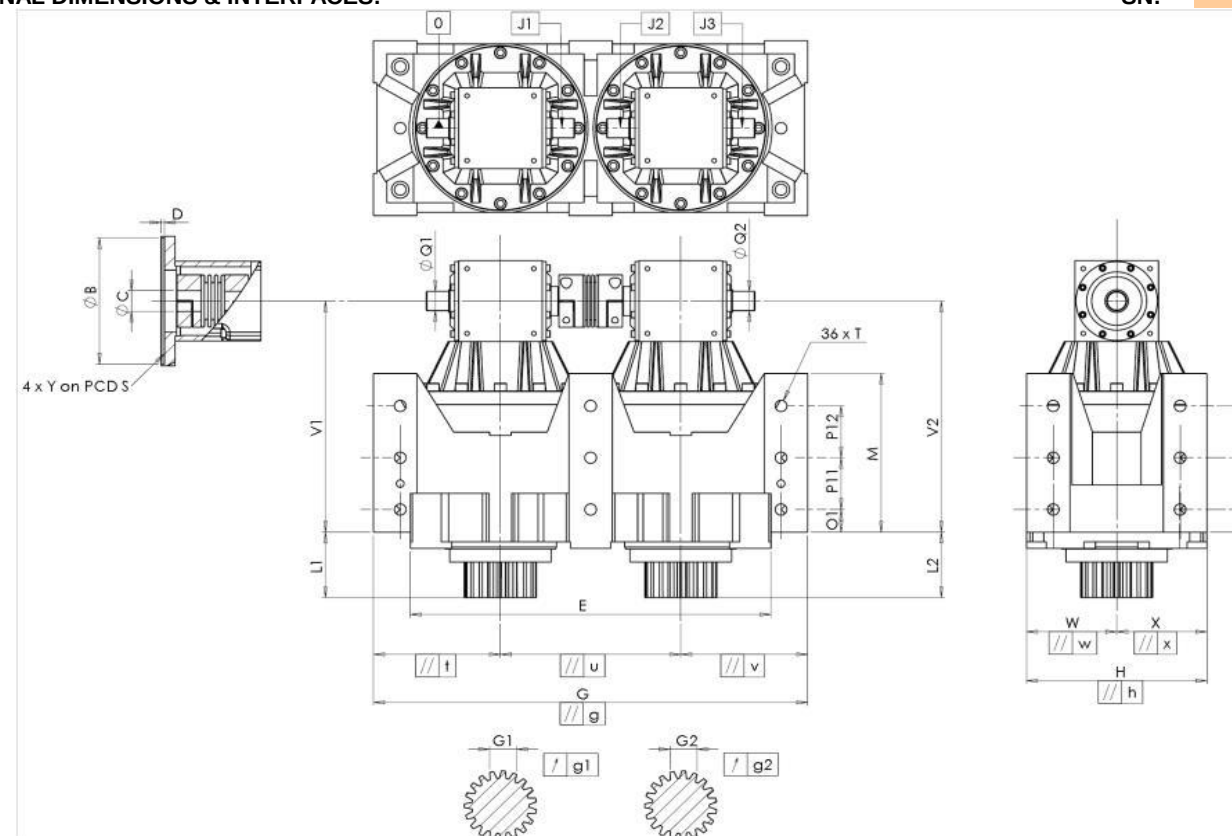
10 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 904244



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									
					C3455							B8722									
	E	540 ⁰ _{-0,1}	Cmm	539,983		O1	35	Cr	35		Ø	B	180 ^{+0,054} _{+0,014}	µm	180,028						
	G	650 ^{+0,2} _{-0,2}	Cmm	650,054		P11	80	Cr	80		Ø	C	38 ^{+0,05} _{+0,025}	µm	38,05						
//	g	0,045	Cmm	0,012		M	245 ^{+0,1} _{-0,1}	Cmm	245,06			D	8	Cr	8,09						
//	t	0,045	Cmm	0,008		O2	35	Cr	35		Ø	S	215	Cr	215						
//	u	0,035	Cmm	0,006		P21	80	Cr	80		Ø	Y	M12	Pg	M12						
//	v	0,045	Cmm	0,001		P22	80	Cr	80												
	W	135	Cmm	135,025		Ø	T	M20	Pg							M20					
//	w	0,035	Cmm	0,004	OUTPUT PINION																
	X	135	Cmm	134,991	Pinion 1											L3675					
//	x	0,035	Cmm	0,002	Span dimension over 3 teeth																
	H	270 ^{+0,04} _{-0,04}	Cmm	270,016		G1	39,25 ⁰ _{-0,03}	Cmm	39,235							Line		Stiffness			
//	h	0,02	Cmm	0,02	↗	g1	0,022	Di	0,02												
	V1	357	Cmm	357,324	Pinion 2											L3661		Torsional stiffness (Nm/arcmin)		1	473,03
	L1	101	Cmm	101,152	Span dimension over 3 teeth															2	473,03
	V2	357	Cmm	357,286		G2	39,25 ⁰ _{-0,03}	Cmm	39,235							Radial stiffness (N/µm)		1	1042		
	L2	101	Cmm	101,127	↗	g2	0,022	Di	0,015	2	1016										
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	29,999	No-load input torque					Noise level											
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,002	Line					0,8 Nm		@1600 rpm input (dB(A))		69,5							
	J1	/0	µm	0,03	Line 2					0,8 Nm											
	J2	/0	µm	0,02																	
	J3	/0	µm	0,02																	

Date: 08/04/2020

Visa: C DE MIRANDA

Version: A