

CUSTOMER:	SPARK	CUSTOMER ORDER REF:	RXCN20210923101 SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF:	216396
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER:	906110
CODE:	RX128771-33	MOTOR FLANGE CODE:	RX129474-04

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:

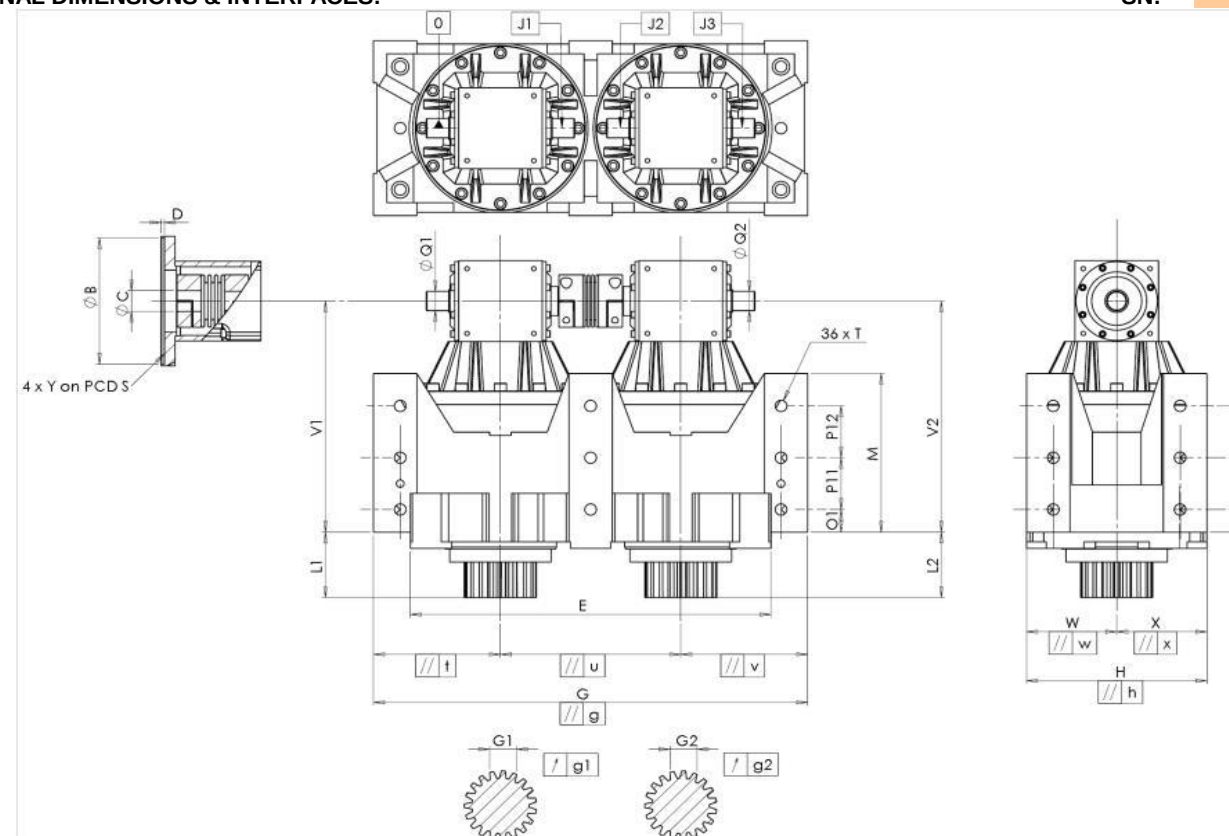
10 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 906110



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				
					D2239										B4380				
	E	540 ⁰ _{-0,1}	Cmm	539,958		O1	35	Cr	35		Ø	B	114,3 ^{+0,047} _{+0,012}	µm	114,33				
	G	650 ^{+0,2} _{-0,2}	Cmm	650,06		P11	80	Cr	80		Ø	C	35 ^{+0,05} _{+0,025}	µm	35,05				
//	g	0,045	Cmm	0,011		M	245 ^{+0,1} _{-0,1}	Cmm	244,999			D	8	Cr	8				
//	t	0,045	Cmm	0,009		O2	35	Cr	35		Ø	S	200	Cr	200,02				
//	u	0,035	Cmm	0,009		P21	80	Cr	80		Ø	Y	M12	Pg	M12				
//	v	0,045	Cmm	0,001		P22	80	Cr	80										
	W	135	Cmm	135,019	Ø	T	M20	Pg	M20										
//	w	0,035	Cmm	0,008	OUTPUT PINION														
	X	135	Cmm	134,998	Pinion 1											J3460			
//	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	39,24										
//	h	0,02	Cmm	0,02	↗	g1	0,022	Di	0,02										
	V1	357	Cmm	357,251	Pinion 2											J3454			
	L1	101	Cmm	101,103	Span dimension over 3 teeth														
	V2	357	Cmm	357,196		G2	39,25 ⁰ _{-0,03}	Cmm	39,235										
	L2	101	Cmm	101,087	↗	g2	0,022	Di	0,01										
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30,009	No-load input torque					Noise level									
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,008	Line					0,8 Nm	@1600 rpm input (dB(A))					65,5			
	J1	/0	Di	0,015	Line 2					0,8 Nm									
	J2	/0	Di	-0,02															
	J3	/0	Di	-0,01															

Date: 09/03/2022

Visa: C DE MIRANDA

Version: A