

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	SPARK	CUSTOMER ORDER REF: RXCN2021022306_IO SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 215796
DESIGNATION:	DRP3+R.61.4.H	SERIAL NUMBER: 905227
CODE:	RX128771-32	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.

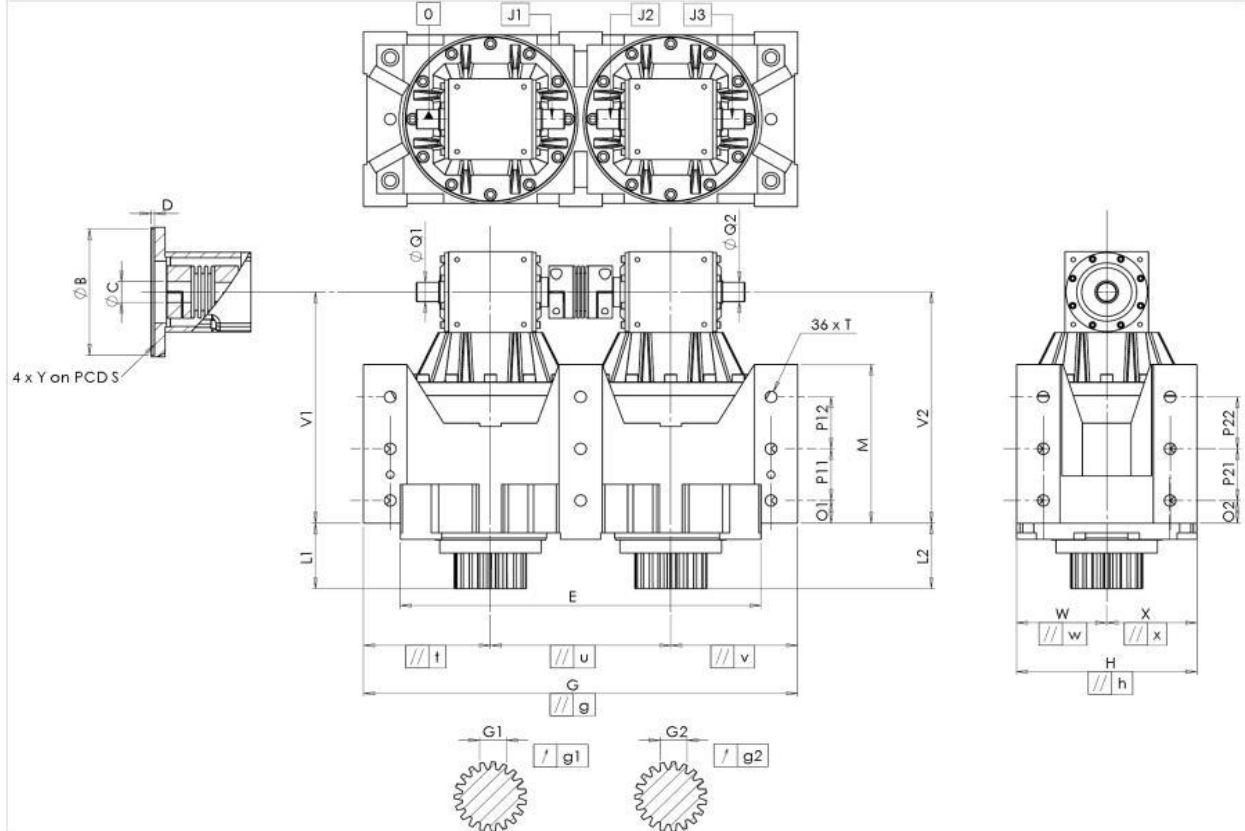
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque Tp:	Following application
Maximum preload torque:	14,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 905227
		

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			
						D2718						35						D451			
	E	540	⁰ _{-0,1}	Cmm	540			O1	35	Cr	35			Ø	B	180	^{+0,054} _{+0,014}	µm	180,035		
	G	650	^{+0,2} _{-0,2}	Cmm	649,93			P11	80	Cr	80			Ø	C	38	^{+0,05} _{+0,025}	µm	38,05		
//	g	0,045		Cmm	0,009			M	245	^{+0,1} _{-0,1}	Cmm	244,984			D	8		Cr	8,09		
//	t	0,045		Cmm	0,007			O2	35	Cr	35			Ø	S	215		Cr	215		
//	u	0,035		Cmm	0,013			P21	80	Cr	80			Ø	Y	M12		Pg	M12		
//	v	0,045		Cmm	0,004			P22	80	Cr	80										
	W	135		Cmm	135,008		Ø	T	M20	Pg	M20										
//	w	0,035		Cmm	0,002	OUTPUT PINION															
	X	135		Cmm	135,02	Pinion 1				J1158											
//	x	0,035		Cmm	0,006	Span dimension over 3 teeth															
	H	270	^{+0,04} _{-0,04}	Cmm	270,028			G1	39,25	⁰ _{-0,03}	Cmm	39,23									
//	h	0,02		Cmm	0,02		↗	g1	0,022	Di	0,02										
	V1	357		Cmm	357,184	Pinion 2						J1165									
	L1	101		Cmm	101,285	Span dimension over 3 teeth						Torsional stiffness (Nm/arcmin)							1	473,03	
	V2	357		Cmm	357,248							Radial stiffness (N/µm)							2	473,03	
	L2	101		Cmm	101,266			G2	39,25	⁰ _{-0,03}	Cmm	39,23									
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,007		↗	g2	0,022	Di	0,01										
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,004	No-load input torque						Noise level									
	J1	/0	Di	-0,015	Line						@1600 rpm input (dB(A))								69,5		
	J2	/0	Di	0,02	Line 2																
	J3	/0	Di	0,02																	

Date: 17/06/2021

Visa: C DE MIRANDA

Version: A