

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	SPARK	CUSTOMER ORDER REF: RXCN2021033120_IO SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 215910
DESIGNATION:	DRP3+R.61.4.H	SERIAL NUMBER: 905359
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.

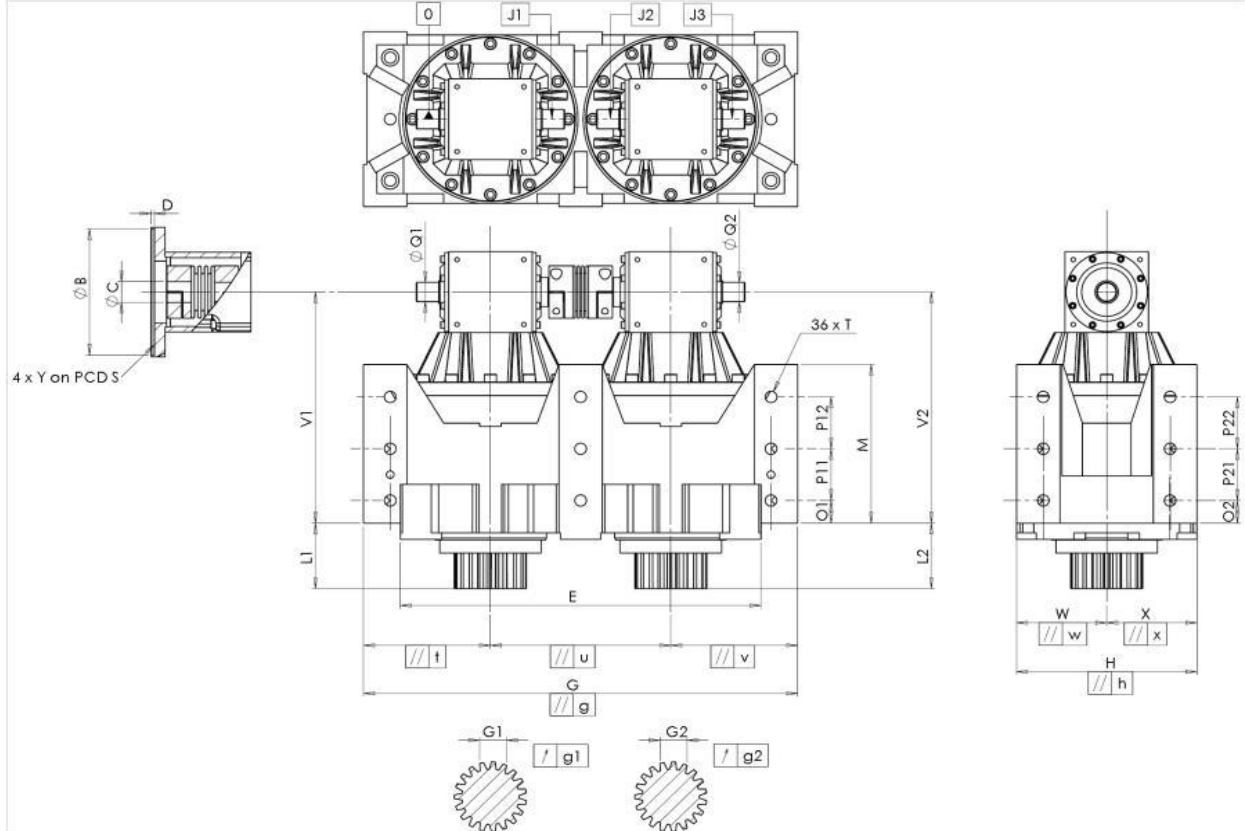
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

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: 905359
		

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	
					D2238										O1 35 Cr 35								D427	
	E	540	⁰ _{-0,1}	Cmm	539,993		P11	80	Cr	80		Ø	B	180	^{+0,054} _{+0,014}	µm	180,027							
	G	650	^{+0,2} _{-0,2}	Cmm	649,997		P12	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05							
//	g	0,045		Cmm	0,045		M	245	^{+0,1} _{-0,1}	Cmm	244,974		D	8		Cr	8,09							
//	t	0,045		Cmm	0,007		O2	35	Cr	35		Ø	S	215		Cr	215							
//	u	0,035		Cmm	0,011		P21	80	Cr	80		Ø	Y	M12		Pg	M12							
//	v	0,045		Cmm	0,007		P22	80	Cr	80														
	W	135		Cmm	135,022	Ø	T	M20	Pg	M20														
//	w	0,035		Cmm	0,006	OUTPUT PINION																		
	X	135		Cmm	134,992	Pinion 1 J1145																		
//	x	0,035		Cmm	0,001	Span dimension over 3 teeth																		
	H	270	^{+0,04} _{-0,04}	Cmm	270,014		G1	39,25	⁰ _{-0,03}	Cmm	39,235				Line		Stiffness							
//	h	0,02		Cmm	0,02	↗	g1	0,022	Di	0,005														
	V1	357		Cmm	357,06	Pinion 2 J1156					Torsional stiffness (Nm/arcmin)		1	473,03										
	L1	101		Cmm	101,331	Span dimension over 3 teeth							2	473,03										
	V2	357		Cmm	357,06	Span dimension over 3 teeth					Radial stiffness (N/µm)		1	1052										
	L2	101		Cmm	101,304		G2	39,25	⁰ _{-0,03}	Cmm			39,23	2	1096									
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,004	↗	g2	0,022	Di	0,005														
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,001	No-load input torque												Noise level						
	J1	/0	Di	0	Line 1,2 Nm					@1600 rpm input (dB(A))				70,0										
	J2	/0	Di	0,03	Line 2 1 Nm																			
	J3	/0	Di	0,02																				

Date: 19/07/2021 Visa: C DE MIRANDA

Version: A