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Performance sheet	RX183/005-B	1/2
CUSTOMER:	SPARK	CUSTOMER ORDER REF: *RXCN2023062140 SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 217952
DESIGNATION:	DRP1+R.31.4.H	SERIAL NUMBER: 908044
CODE:	RX128461-12	MOTOR FLANGE CODE: RX130963-01

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.

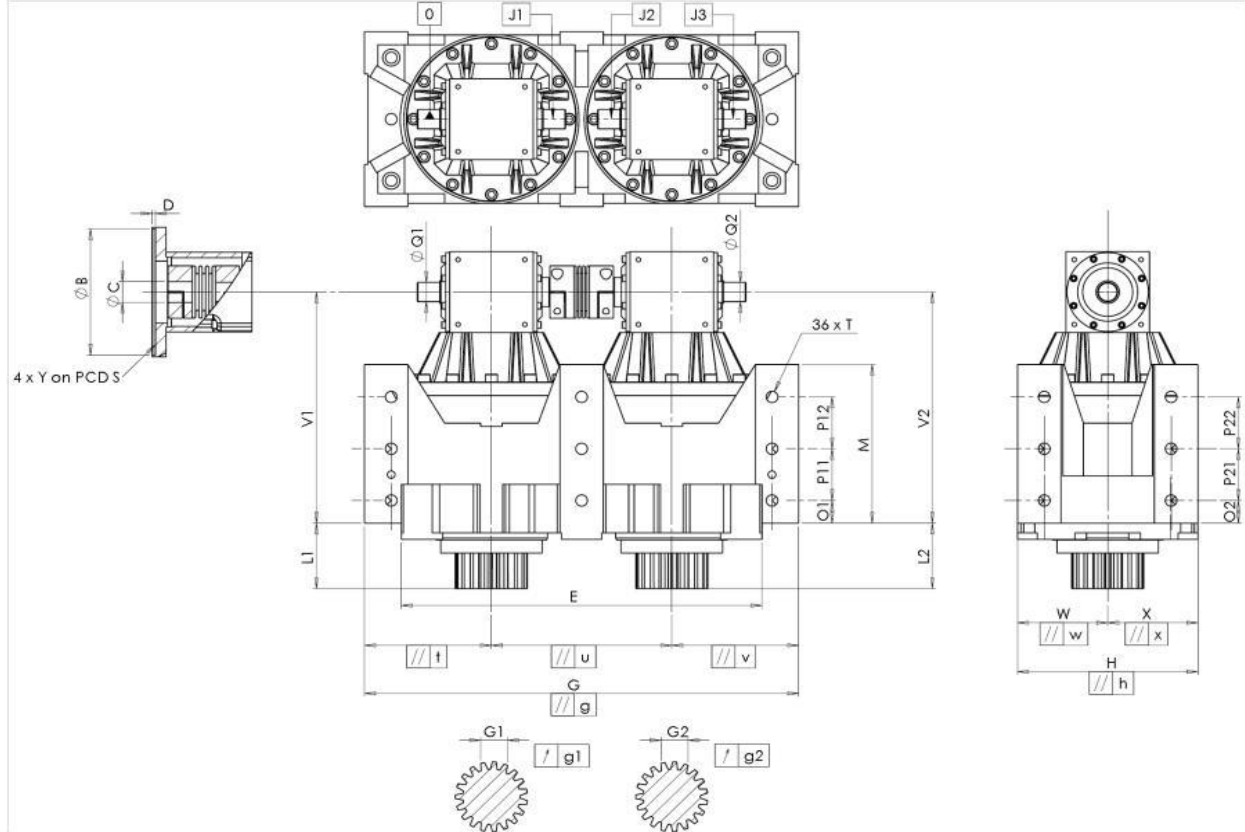
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque Tp:	Following application
Maximum preload torque:	6,8 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 908044
		

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	
					C0064														C5142	
		E	380 ⁰ _{-0,05}	Cmm	379,971			O1	20	Cr	20			Ø	B	114,3 ^{+0,047} _{+0,012}	µm	114,33		
		G	470 ^{+0,1} _{-0,1}	Cmm	470,025			P11	65	Cr	65			Ø	C	35 ^{+0,05} _{+0,025}	µm	35,05		
//		g	0,04	Cmm	0,01			M	172 ^{+0,1} _{-0,1}	Cmm	172,06				D	7	Cr	7,09		
//		t	0,04	Cmm	0,001			O2	20	Cr	20			Ø	S	200	Cr	200		
//		u	0,03	Cmm	0,007			P21	65	Cr	65			Ø	Y	M12	Pg	M12		
//		v	0,04	Cmm	0,001			P22	65	Cr	65									
		W	95	Cmm	94,995		Ø	T	M12	Pg	M12									
//		w	0,03	Cmm	0,003	OUTPUT PINION														
		X	95	Cmm	95	Pinion 1			F0563											
//		x	0,03	Cmm	0,005	Span dimension over 3 teeth														
		H	190 ^{+0,025} _{-0,025}	Cmm	189,995			G1	23,28 ⁰ _{-0,03}	Cmm	23,26									
//		h	0,02	Cmm	0,012		↗	g1	0,021	Di	0,02						Line	Stiffness		
		V1	229	Cmm	229,167															
		L1	70	Cmm	69,872	Pinion 2			F0579											
		V2	229	Cmm	229,124	Span dimension over 3 teeth														
		L2	70	Cmm	69,908			G2	23,28 ⁰ _{-0,03}	Cmm	23,265									
Ø		Q1	20 ^{+0,009} _{-0,004}	Cmm	20,003		↗	g2	0,021	Di	0,015									
Ø		Q2	20 ^{+0,009} _{-0,004}	Cmm	20,003	No-load input torque						Noise level								
		J1	/0	Di	0,02	Line			0,3 Nm											
		J2	/0	Di	0,02	Line 2			0,4 Nm											
		J3	/0	Di	0							@ 1600 rpm input (dB(A))					70,5			