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Performance sheet	RX183/005-B	1/2
CUSTOMER:	SPARK	CUSTOMER ORDER REF: *RXCN2025012306 SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 219880
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER: 909670
CODE:	RX129047-33	MOTOR FLANGE CODE: RX129551-03

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.

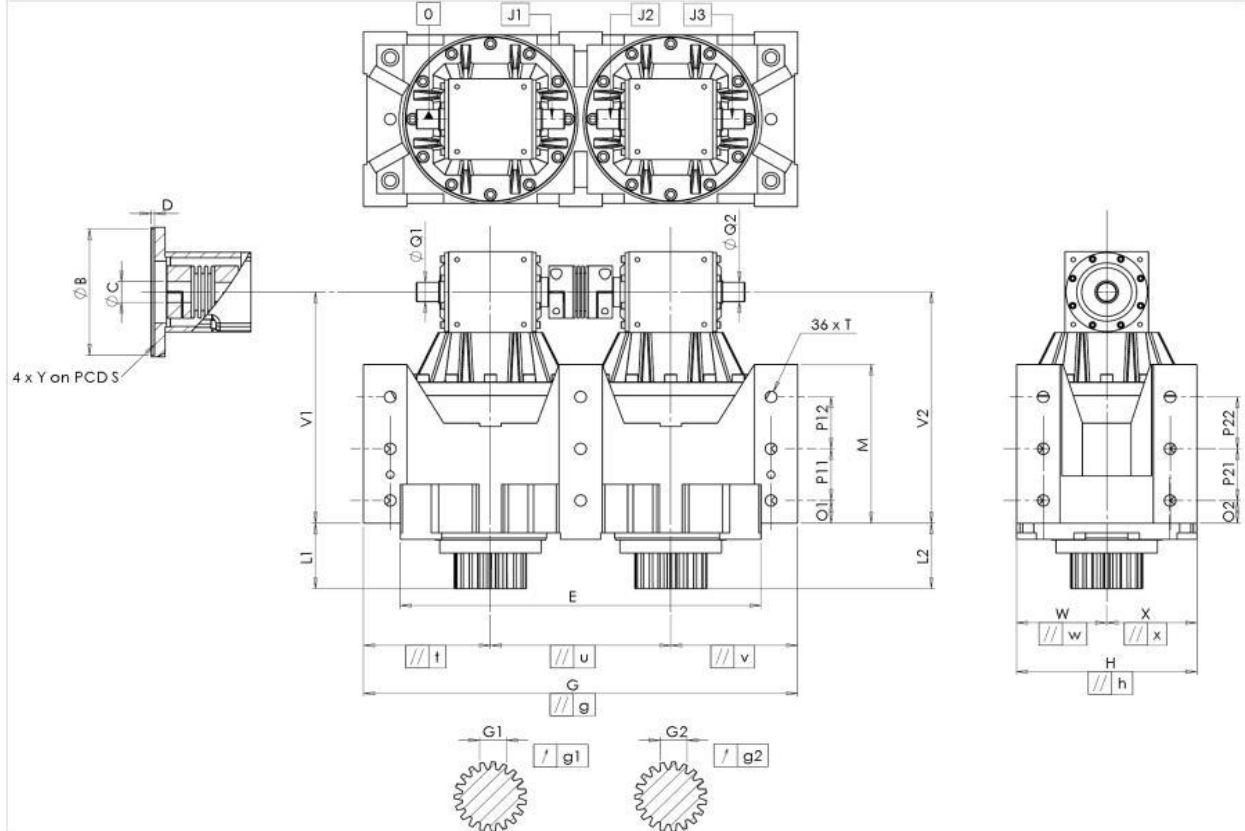
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque Tp:	Following application
Maximum preload torque:	18,1 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: 909670
		

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									
					G5870										O1					43										H3017				
		E	640	⁰ _{-0,1}	Cmm	639.973						P11	100	Cr	100					∅	B	114,3	^{+0,047} _{+0,012}	µm	114.33									
		G	800	^{+0,2} _{-0,2}	Cmm	800.001						P12	100	Cr	100					∅	C	35	^{+0,05} _{+0,025}	µm	35.05									
//		g	0,05		Cmm	0.019						M	288	^{+0,1} _{-0,1}	Cmm	287.997						D	18		Cr	18								
//		t	0,05		Cmm	0.003						O2	43	Cr	43					∅	S	200		Cr	200									
//		u	0,035		Cmm	0.006						P21	100	Cr	100					∅	Y	M12		Pg	M12									
//		v	0,05		Cmm	0.004						P22	100	Cr	100																			
		W	160		Cmm	160.02					∅	T	M24	Pg	M24																			
//		w	0,04		Cmm	0.002				OUTPUT PINION																								
		X	160		Cmm	160.004					Pinion 1					H3038																		
//		x	0,04		Cmm	0.001				Span dimension over 3 teeth																								
		H	320	^{+0,04} _{-0,04}	Cmm	320.023						G1	46,9	⁰ _{-0,03}	Cmm	46.88																		
//		h	0,02		Cmm	0.015					↗	g1	0,022		Di	0.01									Line	Stiffness								
		V1	435		Cmm	435.201														Torsional stiffness (Nm/arcmin)					1	745,99								
		L1	120		Cmm	120.143																			2	745,99								
		V2	435		Cmm	435.175																			Radial stiffness (N/µm)					1	1268			
		L2	120		Cmm	120.088						G2	46,9	⁰ _{-0,03}	Cmm	46.88				2	1231													
∅		Q1	35	^{+0,011} _{-0,005}	Cmm	35.003					↗	g2	0,022		Di	0.01																		
∅		Q2	35	^{+0,011} _{-0,005}	Cmm	35.002				No-load input torque										Noise level														
		J1		/0	Di	0.02				Line										2,3 Nm					@1300 rpm input (dB(A))					73.0				
		J2		/0	Di	0				Line 2										3,2 Nm														
		J3		/0	Di	0.01																												

Date: 05/05/2025 Visa: C DE MIRANDA

Version: A