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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: 909668
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.

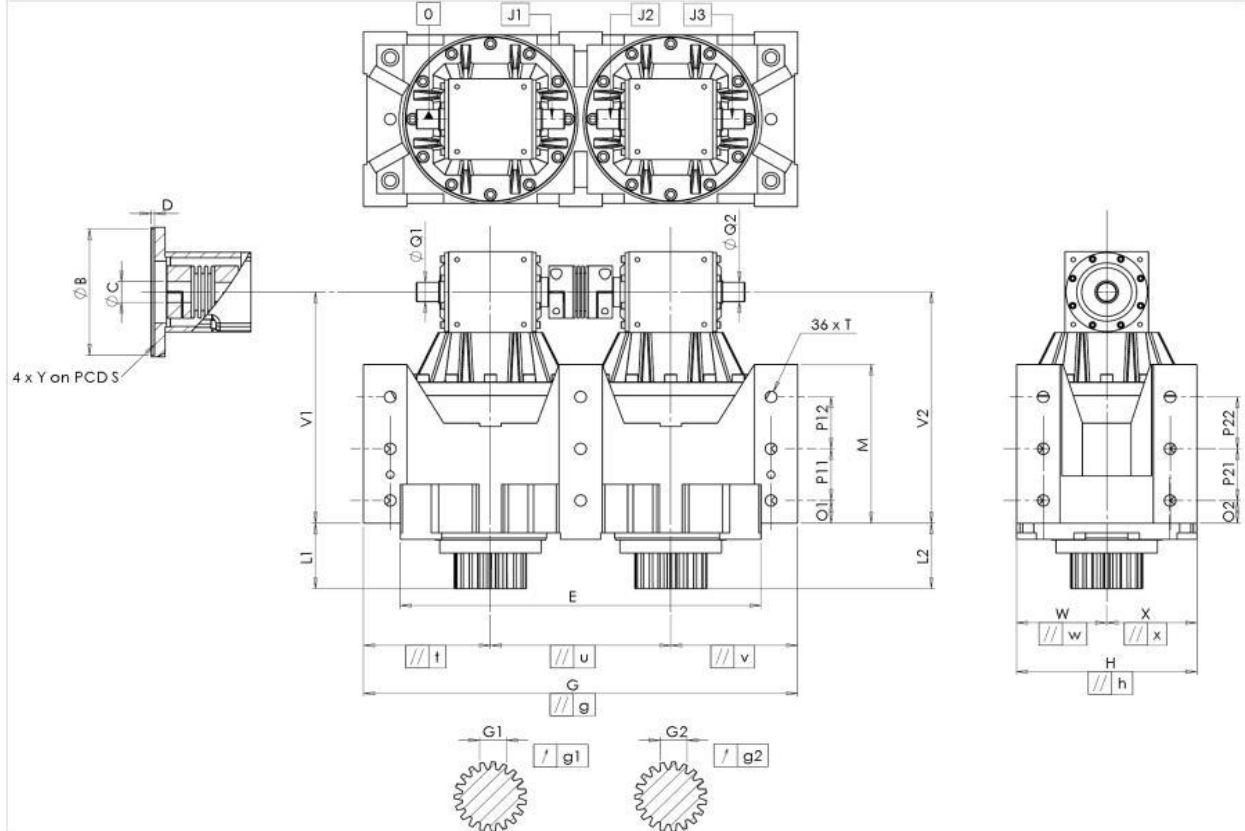
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

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: 909668
		

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				
					G5871							O1 43		Cr	43							H3018	
		E	640 ⁰ _{-0,1}	Cmm	639.984			P11	100	Cr	100			∅	B	114,3 ^{+0,047} _{+0,012}	µm	114.32					
		G	800 ^{+0,2} _{-0,2}	Cmm	800.017			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	287.996				D	18	Cr	18					
//		t	0,05	Cmm	0.002			O2	43	Cr	43			∅	S	200	Cr	200					
//		u	0,035	Cmm	0.003			P21	100	Cr	100			∅	Y	M12	Pg	M12					
//		v	0,05	Cmm	0.001			P22	100	Cr	100												
		W	160	Cmm	159.996		∅	T	M24	Pg	M24												
//		w	0,04	Cmm	0.001	OUTPUT PINION																	
		X	160	Cmm	159.996	Pinion 1					G6975												
//		x	0,04	Cmm	0.003	Span dimension over 3 teeth																	
		H	320 ^{+0,04} _{-0,04}	Cmm	319.992	G1 46,9 ⁰ _{-0,03}					Cmm	46.88											
//		h	0,02	Cmm	0.019		↗	g1	0,022	Di	0.01						Line	Stiffness					
		V1	435	Cmm	435.188						Torsional stiffness (Nm/arcmin)					1	745,99						
		L1	120	Cmm	120.093											G6981		2	745,99				
		V2	435	Cmm	435.171	Span dimension over 3 teeth										Radial stiffness (N/µm)					1	1312	
		L2	120	Cmm	120.144		↗	G2 46,9 ⁰ _{-0,03}	Cmm	46.88											2	1148	
∅		Q1	35 ^{+0,011} _{-0,005}	Cmm	35.004		↗	g2	0,022	Di	0.01												
∅		Q2	35 ^{+0,011} _{-0,005}	Cmm	35.005	No-load input torque					Noise level												
		J1	/0	Di	0.01	Line					3,6 Nm		@1300 rpm input (dB(A))					72.0					
		J2	/0	Di	0.02	Line 2					2,7 Nm												
		J3	/0	Di	0.02																		

Date: 29/04/2025 Visa: C DE MIRANDA

Version: A