

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	SPARK	CUSTOMER ORDER REF: GCN002766 SPARK
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATION	REDEX ORDER REF: 212145
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER: 900925
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)

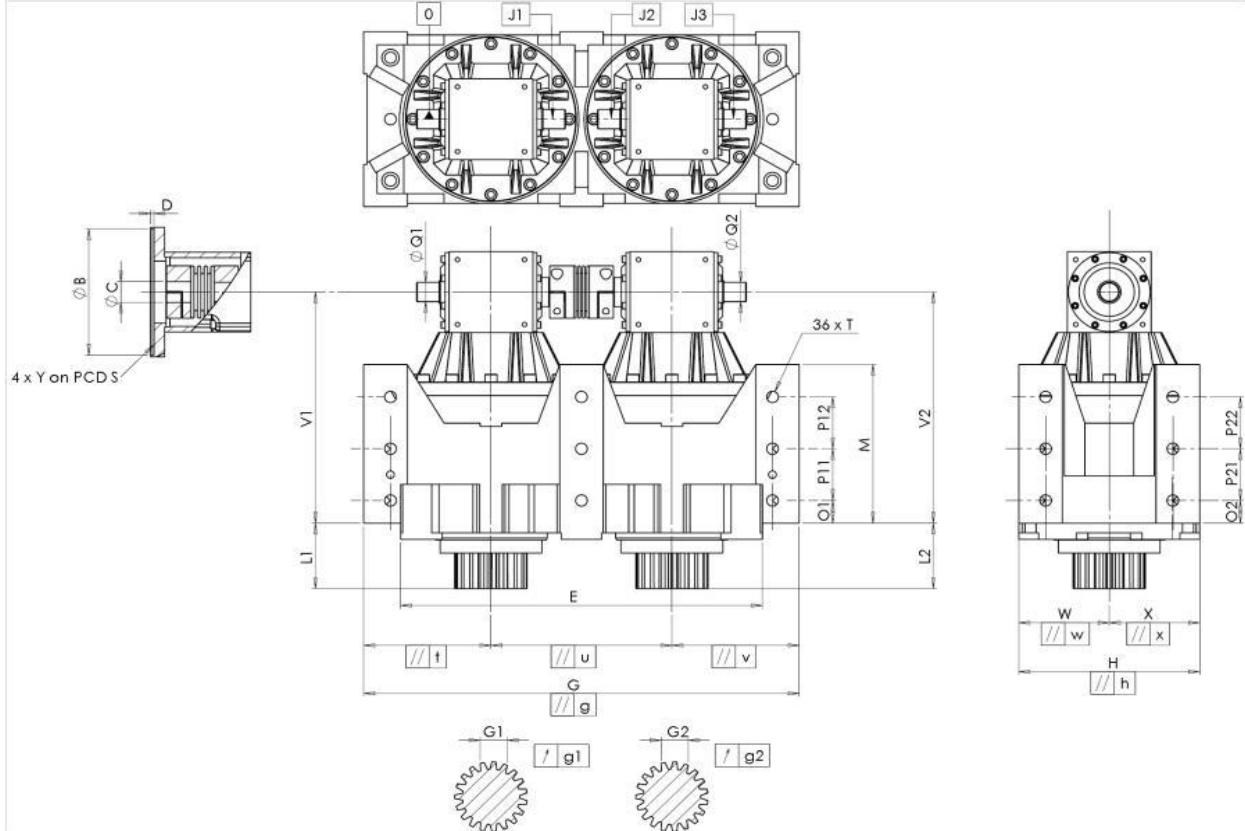
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 900925
		

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	
					A3932		O1 43 Cr 43								M6587			
	E	640	⁰ _{-0,1}	Cmm	639,955		P11	100	Cr	100		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114,33	
	G	800	^{+0,2} _{-0,2}	Cmm	799,976		P12	100	Cr	100		Ø	C	35	^{+0,05} _{+0,025}	µm	35,05	
//	g	0,05		Cmm	0,018		M	288	^{+0,1} _{-0,1}	Cmm	288,092		D	18		Cr	18	
//	t	0,05		Cmm	0,005		O2	43	Cr	43		Ø	S	200		Cr	200	
//	u	0,035		Cmm	0,007		P21	100	Cr	100		Ø	Y	M12		Pg	M12	
//	v	0,05		Cmm	0,001		P22	100	Cr	100								
	W	160		Cmm	160	Ø	T	M24	Pg	M24								
//	w	0,04		Cmm	0,004	OUTPUT PINION												
	X	160		Cmm	160,01	Pinion 1 N526												
//	x	0,04		Cmm	0,005	Span dimension over 3 teeth												
	H	320	^{+0,04} _{-0,04}	Cmm	320,009		G1	46,9	⁰ _{-0,03}	Cmm	46,885	Torsional stiffness (Nm/arcmin)		1	745,99			
//	h	0,02		Cmm	0,014	↗	g1	0,022	Di	0,02	2			745,99				
	V1	435		Cmm	435,151	Pinion 2 N527					Radial stiffness (N/µm)			1	998			
	L1	120		Cmm	120,12	Span dimension over 3 teeth								2	1181			
	V2	435		Cmm	435,14		G2	46,9	⁰ _{-0,03}	Cmm	46,89							
	L2	120		Cmm	120,194	↗	g2	0,022	Di	0,02	Noise level							
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35	No-load input torque												
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35,005	Line 3,5 Nm												
	J1	/0		µm	0,02	Line 2 3,5 Nm												
	J2	/0		µm	0,02	@1300 rpm input (dB(A)) 72,5												
	J3	/0		µm	0,02													

Date: 07/11/2017

Visa: C DE MIRANDA

Version: A

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