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Performance sheet	RX183/005-B	1/2
CUSTOMER:	REDEX SHANGHAI	CUSTOMER ORDER REF: *RXCN2025081466 SHANGHAI M
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 220356
DESIGNATION:	DRP4+R.31.4.H	SERIAL NUMBER: 910381
CODE:	RX129047-12	MOTOR FLANGE CODE: RX129580-04

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:	60,6 Nm

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

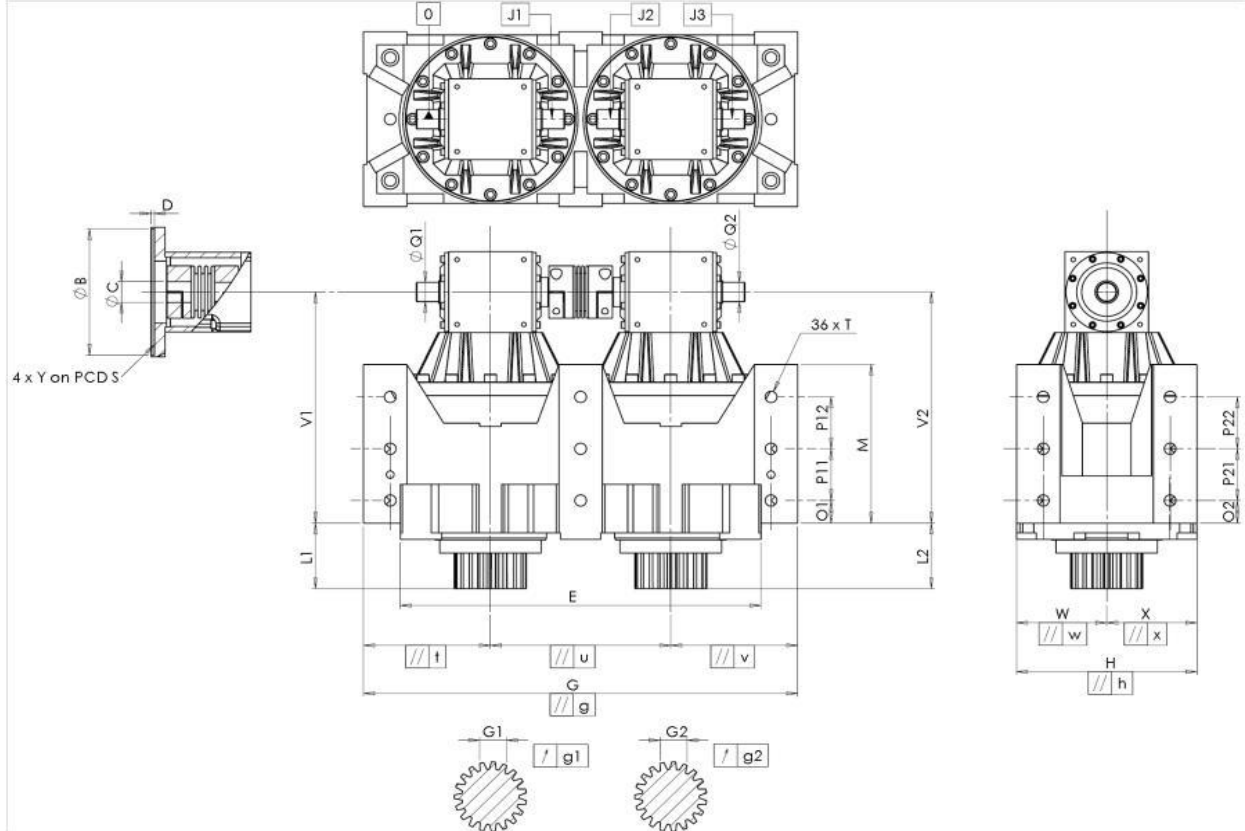
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 910381
		

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	
					J5093														J4464	
	E	640	⁰ _{-0,1}	Cmm	639.951		O1	43	Cr	43		Ø	B	160	^{+0,054} _{+0,014}	µm	160.04			
	G	800	^{+0,2} _{-0,2}	Cmm	799.929		P11	100	Cr	100		Ø	C	55	^{+0,06} _{+0,03}	µm	55.06			
//	g	0,05		Cmm	0.02		M	288	^{+0,1} _{-0,1}	Cmm	287.954		D	31		Cr	31.08			
//	t	0,05		Cmm	0.001		O2	43	Cr	43		Ø	S	215		Cr	215			
//	u	0,035		Cmm	0.004		P21	100	Cr	100		Ø	Y	M12		Pg	M12			
//	v	0,05		Cmm	0.002		P22	100	Cr	100										
	W	160		Cmm	159.998	Ø	T	M24	Pg	M24										
//	w	0,04		Cmm	0.001	OUTPUT PINION														
	X	160		Cmm	160.012	Pinion 1					J2390									
//	x	0,04		Cmm	0.004	Span dimension over 3 teeth														
	H	320	^{+0,04} _{-0,04}	Cmm	320.01		G1	46,9	⁰ _{-0,03}	Cmm	46.89									
//	h	0,02		Cmm	0.02	↗	g1	0,022	Di	0.014										
	V1	435		Cmm	435.163	Pinion 2					J2395									
	L1	120		Cmm	120.023	Span dimension over 3 teeth														
	V2	435		Cmm	435.158		G2	46,9	⁰ _{-0,03}	Cmm	46.89									
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35.011	↗	g2	0,022	Di	0.022	Torsional stiffness (Nm/arcmin)					1	745,99			
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35.01	No-load input torque					Radial stiffness (N/µm)					2	745,99			
	J1	/0	Di	0.04	1						1217									
	J2	/0	Di	0.02	2						1160									
	J3	/0	Di	0.03	Noise level															
										@1300 rpm input (dB(A))					71.5					
						Line					4,5 Nm									
						Line 2					4,5 Nm									

Date: 16/01/2026

Visa: C DE MIRANDA

Version: A

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