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Performance sheet	RX183/005-B	1/2
CUSTOMER:	REDEX USA	CUSTOMER ORDER REF: 34099-00
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF: 219173
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER: 908990
CODE:	RX129047-33	MOTOR FLANGE CODE: RX129551-07

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.

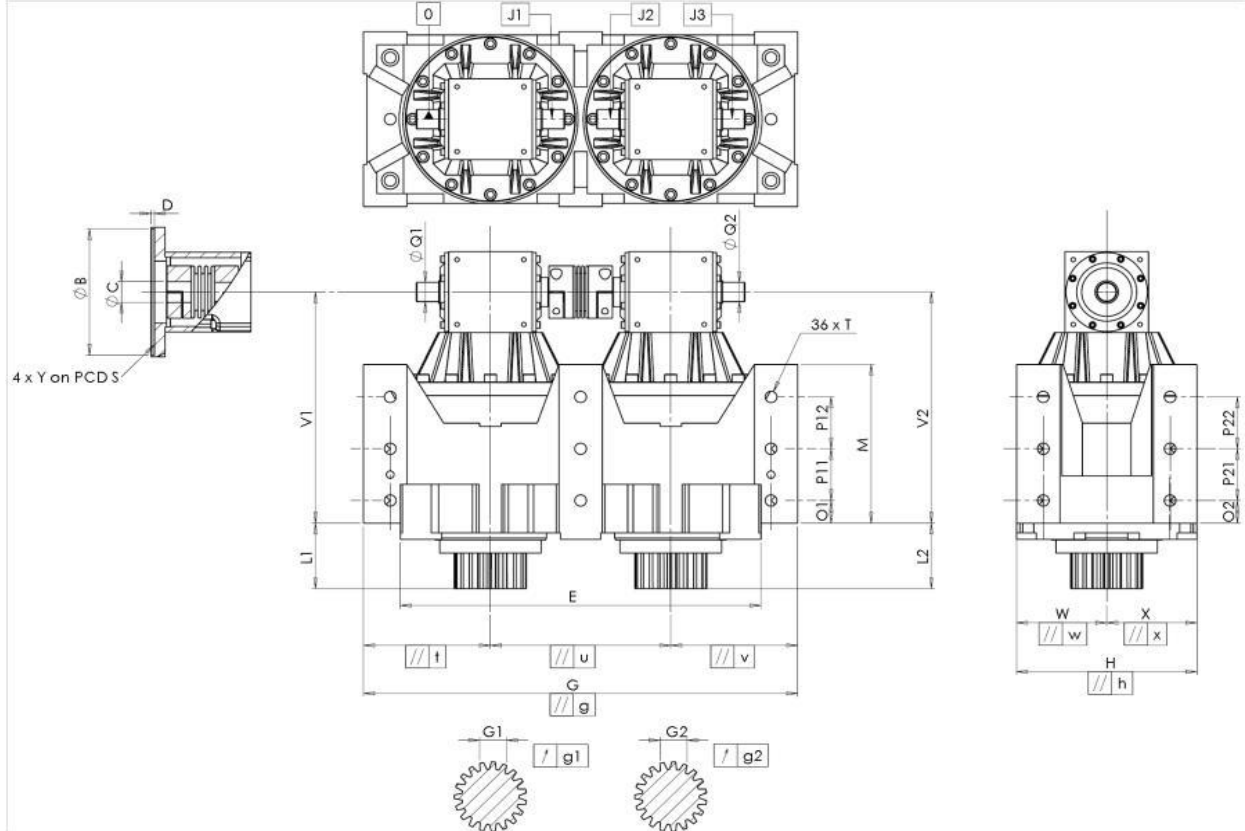
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

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: 908990
		

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	
					G3475							43							H2224	
	E	640 ⁰ _{-0,1}	Cmm	639,956			O1	43	Cr	43			Ø	B	180G7 ^{+0,054} _{+0,014}	µm	180,05			
	G	800 ^{+0,2} _{-0,2}	Cmm	800,078			P11	100	Cr	100			Ø	C	38F7 ^{+0,050} _{+0,025}	µm	38,05			
//	g	0,05	Cmm	0,013			M	288 ^{+0,1} _{-0,1}	Cmm	287,999				D	8	Cr	8,08			
//	t	0,05	Cmm	0,001			O2	43	Cr	43			Ø	S	215	Cr	215			
//	u	0,035	Cmm	0,002			P21	100	Cr	100			Ø	Y	M14	Pg	M14			
//	v	0,05	Cmm	0,001			P22	100	Cr	100										
	W	160	Cmm	160,029		Ø	T	M24	Pg	M24										
//	w	0,04	Cmm	0,005		OUTPUT PINION														
	X	160	Cmm	159,993		Pinion 1				G4378										
//	x	0,04	Cmm	0,006		Span dimension over 3 teeth														
	H	320 ^{+0,04} _{-0,04}	Cmm	320,022			G1	46,9 ⁰ _{-0,03}	Cmm	46,88										
//	h	0,02	Cmm	0,01		↗	g1	0,022	Di	0,01										
	V1	435	Cmm	435,082								Torsional stiffness (Nm/arcmin)		1	745,99					
	L1	120	Cmm	120,149		Pinion 2								2	745,99					
	V2	435	Cmm	435,083		Span dimension over 3 teeth						Radial stiffness (N/µm)		1	1227					
	L2	120	Cmm	120,267			G2	46,9 ⁰ _{-0,03}	Cmm	46,88				2	987					
Ø	Q1	35 ^{+0,011} _{-0,005}	Cmm	35,006		↗	g2	0,022	Di	0,01		Noise level								
Ø	Q2	35 ^{+0,011} _{-0,005}	Cmm	35,009		No-load input torque														
	J1	/0	Di	0,04		Line						2,2 Nm		@1300 rpm input (dB(A))		69,0				
	J2	/0	Di	0,01		Line 2						2 Nm								
	J3	/0	Di	0,01																

Date: 08/10/2024 Visa: C DE MIRANDA

Version: A