

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	BARRI WELDING	CUSTOMER ORDER REF: 30064-00 BARRI WELDING
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF: 214724
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 904100
CODE:	RX128771-33	MOTOR FLANGE CODE: RX129630-02

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:	10 Nm

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

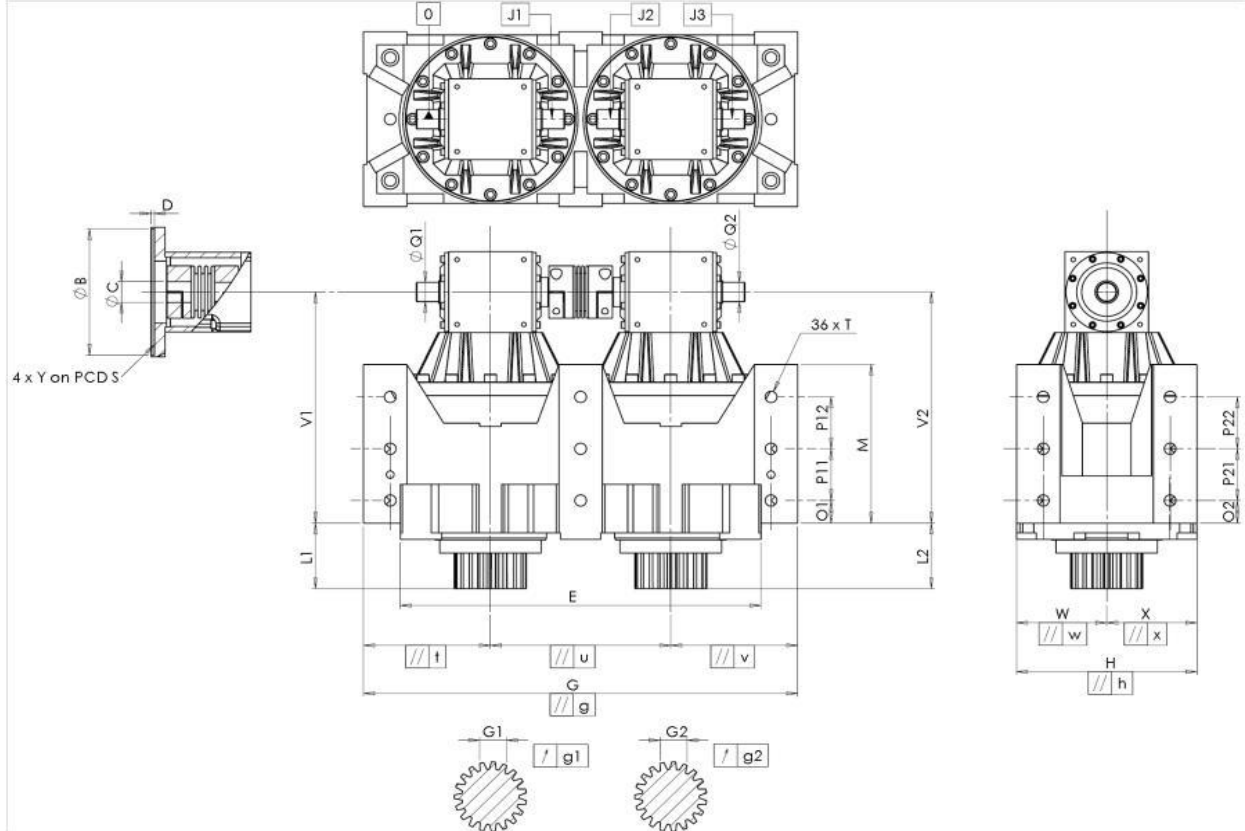
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 904100
		

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	
					C2289							35						B9122	
	E	540	⁰ _{-0,1}	Cmm	539,967		O1	35	Cr	35		Ø	B	130	^{+0,054} _{+0,014}	µm	130,022		
	G	650	^{+0,2} _{-0,2}	Cmm	650,137		P11	80	Cr	80		Ø	C	32	^{+0,05} _{+0,025}	µm	32,04		
//	g	0,045		Cmm	0,015		M	245	^{+0,1} _{-0,1}	Cmm	245,039		D	5		Cr	5,11		
//	t	0,045		Cmm	0,001		O2	35	Cr	35		Ø	S	165		Cr	165		
//	u	0,035		Cmm	0,007		P21	80	Cr	80		Ø	Y	M10		Pg	M10		
//	v	0,045		Cmm	0,005		P22	80	Cr	80									
	W	135		Cmm	135,006	Ø	T	M20	Pg	M20									
//	w	0,035		Cmm	0,004	OUTPUT PINION													
	X	135		Cmm	135,013	Pinion 1												L3875	
//	x	0,035		Cmm	0,006	Span dimension over 3 teeth													
	H	270	^{+0,04} _{-0,04}	Cmm	270,019		G1	39,25	⁰ _{-0,03}	Cmm	39,235								
//	h	0,02		Cmm	0,019	↗	g1	0,022	Di	0,02									
	V1	357		Cmm	357,285	Pinion 2					L2684								
	L1	101		Cmm	101,024	Span dimension over 3 teeth													
	V2	357		Cmm	357,252		G2	39,25	⁰ _{-0,03}	Cmm	39,24								
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,001	↗	g2	0,022	Di	0,01	Torsional stiffness (Nm/arcmin)		1	473,03					
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,008	No-load input torque					Radial stiffness (N/µm)		2	473,03					
	J1	/0	µm	0,01								1	1007						
	J2	/0	µm	-0,025								2	919						
	J3	/0	µm	-0,01								Noise level							
											@1600 rpm input (dB(A))				66,5				

Date: 03/02/2020

Visa: C DE MIRANDA

Version: A

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