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Performance sheet	RX183/008-B	1/2
CUSTOMER:	ANDANTEX LTD	CUSTOMER ORDER REF: 122794
DISTRIBUTOR:		REDEX ORDER REF: 209323
DESIGNATION:	DRPX2+R.31.4.H	SERIAL NUMBER: 889597
CODE:	RX130186-12 RE203692-00	MOTOR FLANGE CODE:

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:

18,7 Nm

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

SPECIFIC REMARKS:

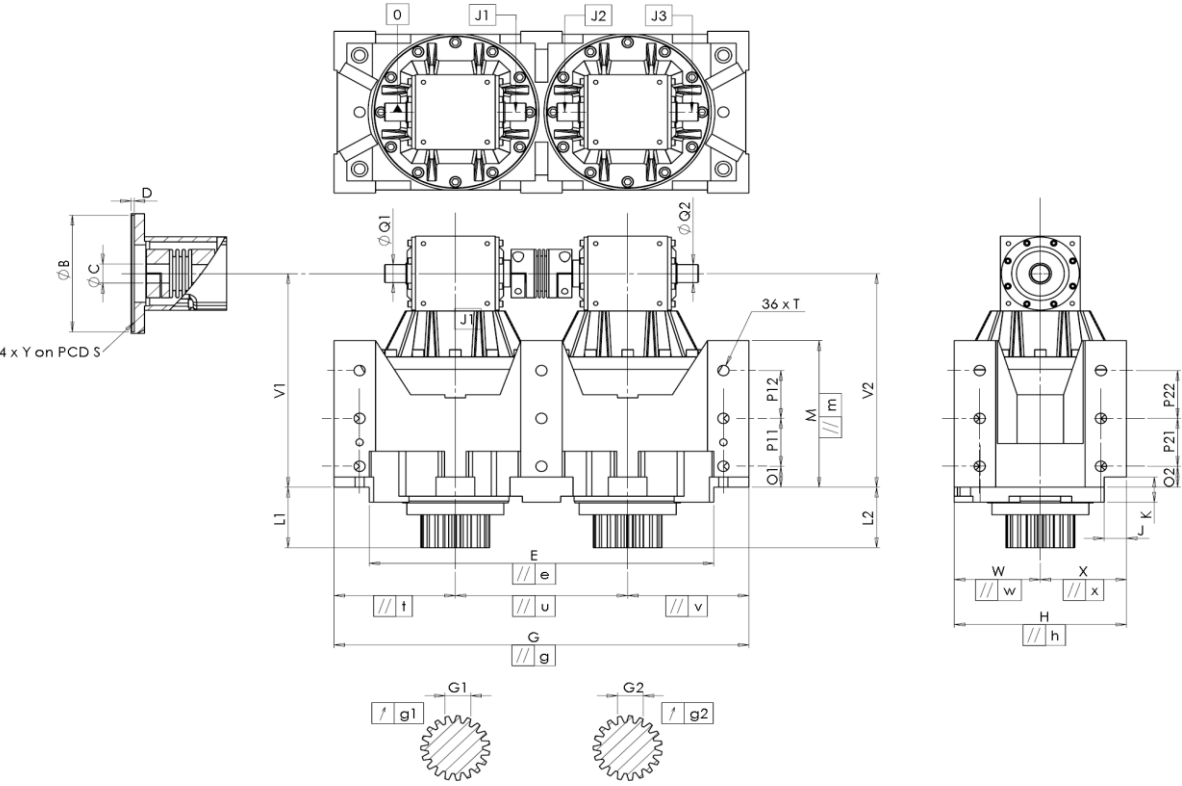
	J1	/0	µm	0
	J2	/0	µm	0,02
	J3	/0	µm	0,04

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 889597
		

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		
				D6953												-		
	E	460	⁰ _{-0,05}	Cmm	460		O1	30	Cr	30		Ø	B		µm			
	G	560	^{+0,1} _{-0,1}	Cmm	560,078		P11	75	Cr	75		Ø	C		µm			
//	g	0,045		Cmm	0,034		P12	75	Cr	75			D		Cr			
//	t	0,045		Cmm	0,001		M	210	^{+0,1} _{-0,1}	Cmm	210,015		Ø	S		Cr		
//	u	0,03		Cmm	0,004		O2	30	Cr	30		Ø	Y		Pg			
//	v	0,045		Cmm	0,001		P21	75	Cr	75								
	W	115		Cmm	114,988		P22	75	Cr	75								
	W	115		Cmm	114,988	Ø	T	M16	Pg	M16								
//	w	0,03		Cmm	0,004	OUTPUT PINION												
	X	115		Cmm	114,999	Pinion 1				Q1667								
//	x	0,03		Cmm	0,001	Span dimension over 4 teeth												
	H	230	^{+0,025} _{-0,025}	Cmm	229,987		G1	44,27	⁰ _{-0,03}	Cmm	44,25							
//	h	0,02		Cmm	0,02	↗	g1	0,022		Di	0,01			Line	Stiffness			
	V1	298		Cmm	298,409							Torsional stiffness (Nm/arcmin)		1	199			
	L1	85		Cmm	84,95									2	217			
	V2	298		Cmm	298,388							Radial stiffness (N/µm)		1	444			
	L2	85		Cmm	84,9		G2	44,27	⁰ _{-0,03}	Cmm	44,26			2	422			
	J	27		Cr	27	↗	g2	0,022		Di	0,01							
	K	30		Cr	30	No-load input torque						Noise level						
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25,009	Line 1				0,5 Nm		@2100 rpm input (dB(A))		74,5				
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25,004	Line 2				0,5 Nm								

Date: 17/03/2015

Visa: JJ PELLÉ

Version: A

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