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Performance sheet	RX183/008-B	1/2
CUSTOMER:	ANDANTEX LTD	CUSTOMER ORDER REF: 124269 ANDANTEX LIMITED
DISTRIBUTOR:		REDEX ORDER REF: 213934
DESIGNATION:	DRPX2+R.31.4.H	SERIAL NUMBER: 889276
CODE:	RX130186-12 RE205661-00	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)

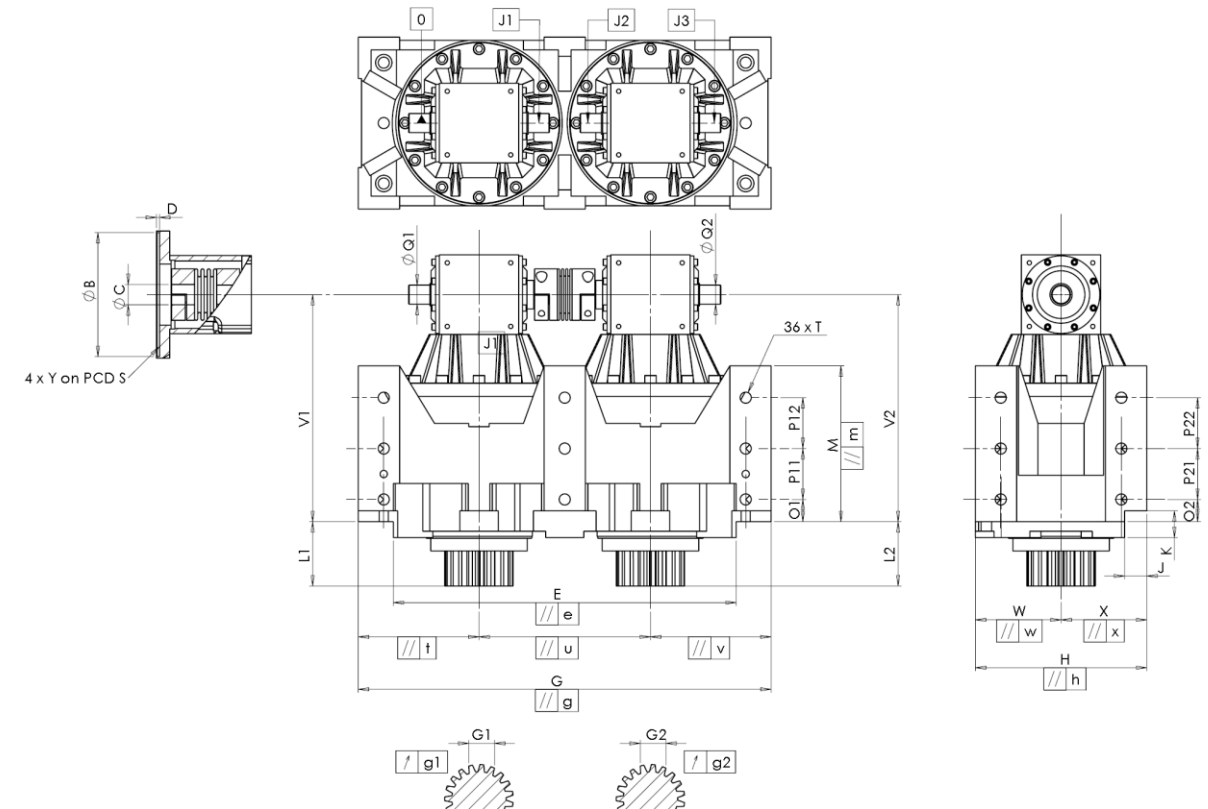
SPECIFIC REMARKS:

⁽¹⁾ ACCORDING FIRST ISSUE.

⁽²⁾ Accepted according to Redex derogation RX2894

⁽³⁾ Accepted according to Redex derogation RX10788

	J1	/0	µm	0,01
	J2	/0	µm	0,01
	J3	/0	µm	0,01

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 889276
		

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	
					D6949			O1	30	Cr	30							-		
	E	460 ^{0 -0,05}	Cmm	460,006 ⁽³⁾			P11	75	Cr	75			Ø	B		µm				
	G	560 ^{+0,1 -0,1}	Cmm	560,08			P12	75	Cr	75			Ø	C		µm				
//	g	0,045	Cmm	0,043			M	210 ^{+0,1 -0,1}	Cmm	210,024				D		Cr				
//	t	0,045	Cmm	0,002			O2	30	Cr	30			Ø	S		Cr				
//	u	0,03	Cmm	0,002			P21	75	Cr	75			Ø	Y		Pg				
//	v	0,045	Cmm	0,001			P22	75	Cr	75										
	W	115	Cmm	115,265			Ø	T	M16	Pg	M16									
//	w	0,03	Cmm	0,001																
	X	115	Cmm	114,702																
//	x	0,03	Cmm	0,005		OUTPUT PINION														
	H	230 ^{+0,025 -0,025}	Cmm	229,968 ⁽²⁾		Pinion 1					M2575									
//	h	0,02	Cmm	0,035 ⁽³⁾		Span dimension over 4 teeth														
	V1	298	Cmm	298,296			G1	44,27 ^{0 -0,03}	Cmm	44,26										
	L1	85	Cmm	84,979		↗	g1	0,022	Di	0,01							Line	Stiffness		
	V2	298	Cmm	298,29		Pinion 2					M2591		Torsional stiffness (Nm/arcmin)		1	243,75				
	L2	85	Cmm	84,907		Span dimension over replace teeth							Radial stiffness (N/µm)		2	243,75				
	J	27	Cr	27			G2	44,27 ^{0 -0,03}	Cmm	44,26				1	625					
	K	30	Cr	18,5 ⁽¹⁾		↗	g2	0,022	Di	0,01				2	598					
Ø	Q1	25 ^{+0,009 -0,004}	Cmm	25,006		No-load input torque					1 Nm		Noise level							
Ø	Q2	25 ^{+0,009 -0,004}	Cmm	25,006		Line					1 Nm		@1600 rpm input (dB(A))					73,5		
						Line 2					1 Nm									

Date: 18/04/2019

Visa: C DE MIRANDA

Version: A

Product images are for illustrative purposes only.

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