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Performance sheet	RX183/005-B	1/2
CUSTOMER:	BOEING COMPANY	CUSTOMER ORDER REF: 27972-00 BOEING COMPANY
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF: 212578
DESIGNATION:	DRP4+R.31.4.H	SERIAL NUMBER: 901395
CODE:	RX129047-12	MOTOR FLANGE CODE: RX129481-01

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)

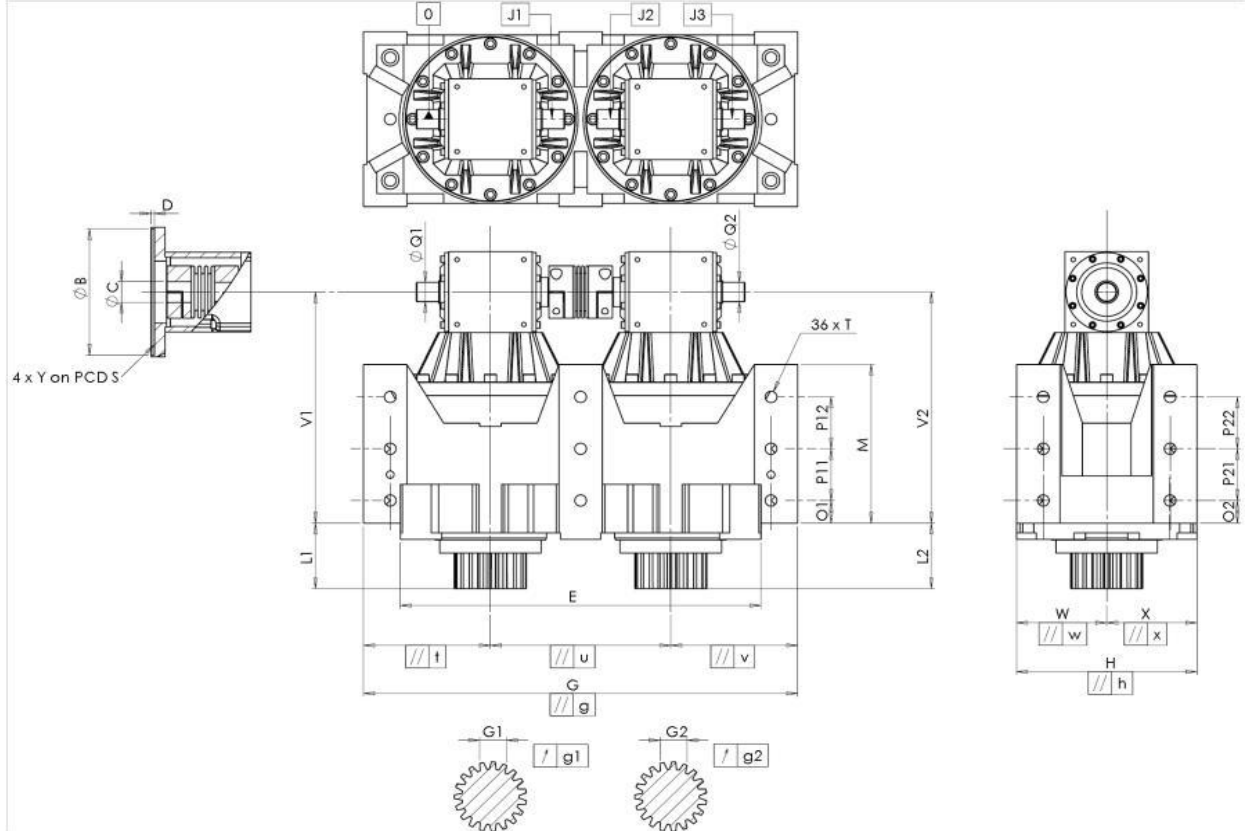
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX

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DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 901395
		
General tolerance: Js13		Automatic / manual coordinate-measuring machine
Cmm		µm
Micrometer		Cr
Calliper rule		Di
Dial indicator		Pg
Plug gauge		
HOUSING		HOUSING
requirement		measure
		A8988
E		640 ⁰ _{-0,1} Cmm 639.97
G		800 ^{+0,2} _{-0,2} Cmm 799.984
// g		0,05 Cmm 0.016
// t		0,05 Cmm 0.001
// u		0,035 Cmm 0.008
// v		0,05 Cmm 0.002
W		160 Cmm 160.011
// w		0,04 Cmm 0.004
X		160 Cmm 160.012
// x		0,04 Cmm 0.007
H		320 ^{+0,04} _{-0,04} Cmm 320.023
// h		0,02 Cmm 0.02
V1		435 Cmm 435.194
L1		120 Cmm 120.234
V2		435 Cmm 435.264
L2		120 Cmm 120.133
Ø Q1		35 ^{+0,011} _{-0,005} Cmm 35.005
Ø Q2		35 ^{+0,011} _{-0,005} Cmm 35.005
J1		/0 µm 0.01
J2		/0 µm 0.01
J3		/0 µm 0.015
OUTPUT PINION		Pinion 1 N1937
Span dimension over 3 teeth		G1 46,9 ⁰ _{-0,03} Cmm 46.885
g1		0,022 Di 0.015
Pinion 2 N722		Span dimension over 3 teeth
G2 46,9 ⁰ _{-0,03} Cmm 46.885		g2 0,022 Di 0.02
No-load input torque		Line 2,5 Nm
Line 2		2,5 Nm
Date: 29/03/2018		Visa: C DE MIRANDA
Version: A		
HOUSING		MOTOR FLANGE
requirement		measure
		L6390
Ø B		250 ^{+0,061} _{+0,015} µm 250.038
Ø C		48 ^{+0,05} _{+0,025} µm 48.05
D		8 Cr 8.072
Ø S		300 Cr 300
Ø Y		M16 Pg M16
Ø T		M24 Pg M24
Line		Stiffness
Torsional stiffness (Nm/arcmin)		1 745,99
2 745,99		
Radial stiffness (N/µm)		1 1079
2 1076		
Noise level		@1300 rpm input (dB(A)) 71.0

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