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CUSTOMER:	**ATK**	**CUSTOMER ORDER REF:**	
DISTRIBUTOR:	**ANDANTEX INCORPORATED**	**REDEX ORDER REF:**	**211404**
DESIGNATION:	**DRPX3+RX.14.4.S**	**SERIAL NUMBER:**	**899942**
CODE:	**RX133693-11**	**MOTOR FLANGE CODE:**	**RX129474-02**

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:	**53,5 Nm**

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

SPECIFIC REMARKS:

*** Accepted according the derogation RX 9127**

Product images are for illustrative purposes only.

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DRP		Page
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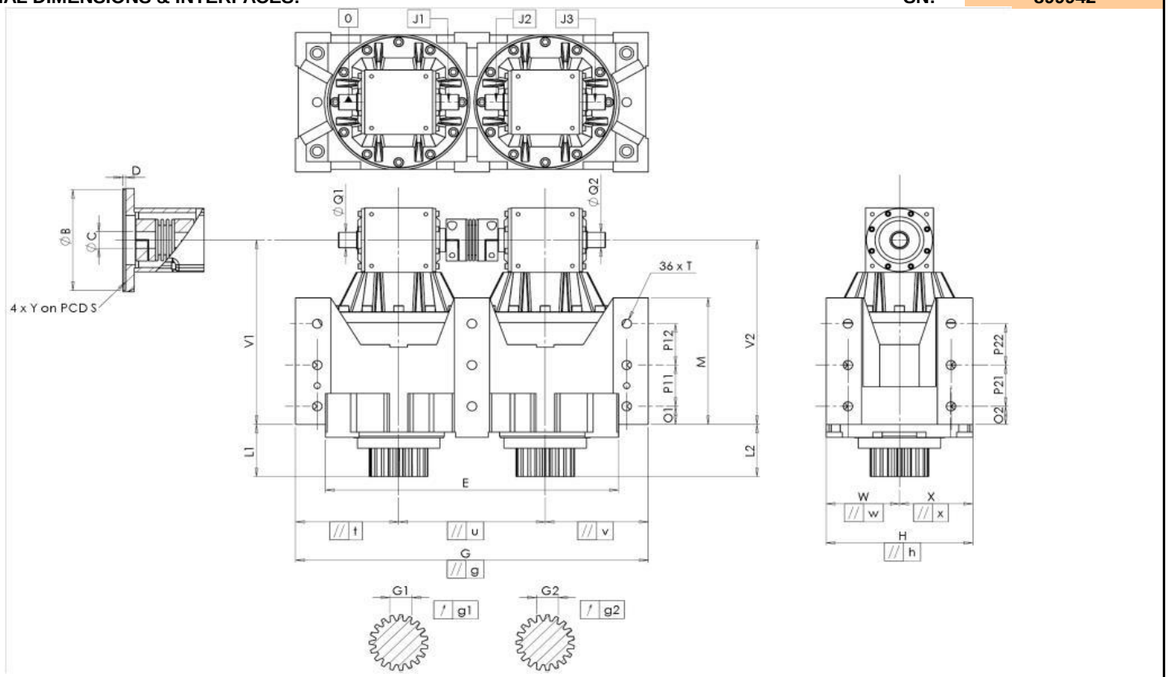
EXTERNAL DIMENSIONS & INTERFACES: **SN:** **899942**



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
					M6012		O1	35	*Cr*	35							L6451
	E	540 $^{0}_{-0,1}$	*Cmm*	539,935		P11	80	*Cr*	80	Ø	B	130 $^{+0,054}_{+0,014}$	*µm*	130,035
	G	650 $^{+0,2}_{-0,2}$	*Cmm*	649,989		P12	80	*Cr*	80	Ø	C	32 $^{+0,05}_{+0,025}$	*µm*	32,05
//	g	0,045	*Cmm*	0,019		M	245 $^{+0,1}_{-0,1}$	*Cmm*	244,993		D	5	*Cr*	5,08
//	t	0,045	*Cmm*	0,001		O2	35	*Cr*	35	Ø	S	215	*Cr*	215,13
//	u	0,035	*Cmm*	0,003		P21	80	*Cr*	80	Ø	Y	M12	*Pg*	M12
//	v	0,045	*Cmm*	0,003		P22	80	*Cr*	80					
	W	135	*Cmm*	134,997	Ø	T	M20	*Pg*	M20					
//	w	0,035	*Cmm*	0,001										
	X	135	*Cmm*	134,998										
//	x	0,035	*Cmm*	0,001										
	H	270 $^{+0,04}_{-0,04}$	*Cmm*	269,995										
//	h	0,02	*Cmm*	0,009										
	V1	368,5	*Cmm*	368,837										
	L1	101	*Cmm*	101,032										
	V2	368,5	*Cmm*	369										
	L2	101	*Cmm*	101,233										
Ø	Q1	30 $^{+0,009}_{-0,004}$	*Cmm*	29,998										
Ø	Q2	30 $^{+0,009}_{-0,004}$	*Cmm*	29,999										
	J1	/0	*µm*	0,01										
	J2	/0	*µm*	0,02										
	J3	/0	*µm*	0,025										

OUTPUT PINION	
Pinion 1	T0851
Span dimension over 3 teeth	
G1 39,25 $^{0}_{-0,03}$ *Cmm*	39,235
g1 0,022 *Di*	0,01
Pinion 2	R1358
Span dimension over 3 teeth	
G2 39,25 $^{0}_{-0,03}$ *Cmm*	39,24
g2 0,022 *Di*	0,02
No-load input torque	
Line	2 Nm
Line 2	2 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03
	2	473,03
Radial stiffness (N/µm)	1	938
	2	889

Noise level	
@1067 rpm input (dB(A))	76 *

Date: 20/06/2017 **Visa:** J ONGANER

Version: A

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