CUSTOMER:	**MACHINE TOOL**	**CUSTOMER ORDER REF:**	**24589 MACHINE TOOL**
DISTRIBUTOR:	**ANDANTEX INCORPORATED**	**REDEX ORDER REF:**	**209628**
DESIGNATION:	**DRP5+R.91.4.S**	**SERIAL NUMBER:**	**897561**
CODE:	**RX129593-33**	**MOTOR FLANGE CODE:**	**RX128067-13**

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:	**34,2 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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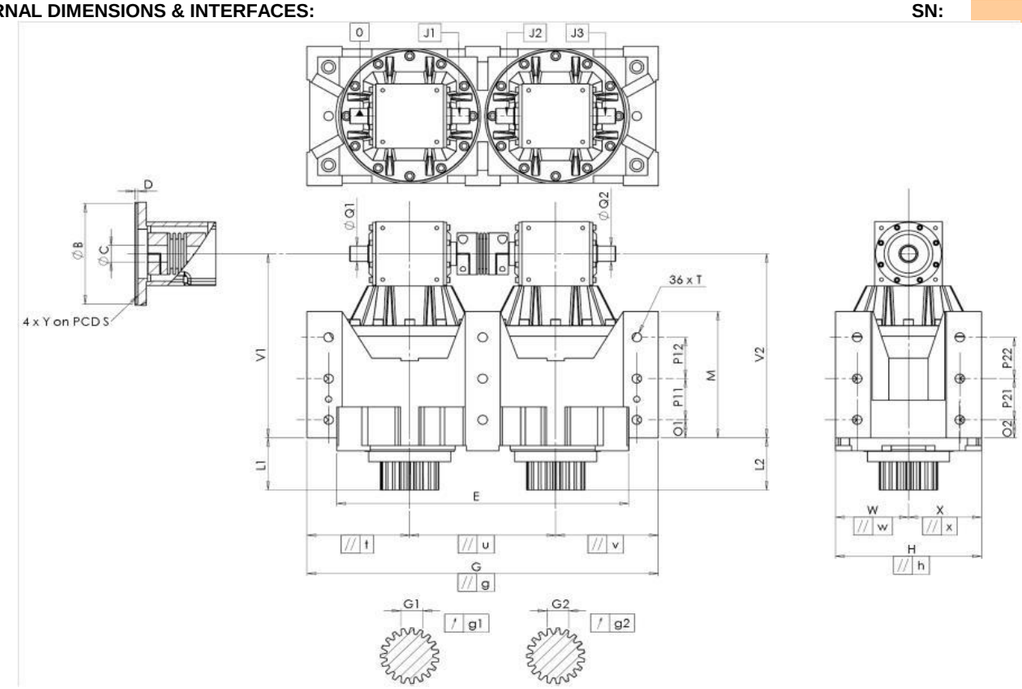
EXTERNAL DIMENSIONS & INTERFACES: **SN:** **897561**



General tolerance: Js13 | Cmm: Automatic / manual coordinate-measuring machine | µm: Micrometer | Cr: Calliper rule | Di: Dial indicator | Pg: Plug gauge

HOUSING requirement					HOUSING measure	HOUSING requirement				HOUSING measure	MOTOR FLANGE requirement				MOTOR FLANGE measure
					L3555		O1	50	Cr	50					L3542
	E	720	0 -0,15	Cmm	719,997		P11	105	Cr	105	Ø	B	250	+0,061 +0,015 µm	250,015
	G	920	+0,3 -0,3	Cmm	920,123		P12	105	Cr	105	Ø	C	T55	µm	55
//	g	0,055		Cmm	0,015		M	320	+0,1 -0,1 Cmm	319,983		D	8	Cr	7,995
//	t	0,055		Cmm	0,001		O2	50	Cr	50	Ø	S	300	Cr	300
//	u	0,04		Cmm	0,009		P21	105	Cr	105	Ø	Y	M16	Pg	M16
//	v	0,055		Cmm	0,006		P22	105	Cr	105					
	W	180		Cmm	179,999	Ø	T	M30	Pg	M30					
//	w	0,05		Cmm	0,001										
	X	180		Cmm	179,994										
//	x	0,05		Cmm	0,006										
	H	360	+0,045 -0,045	Cmm	359,993										
//	h	0,03		Cmm	0,024										
	V1	512		Cmm	512,341										
	L1	157		Cmm	156,963										
	V2	512		Cmm	512,348										
	L2	157		Cmm	157,015										
Ø	Q1	45	+0,011 -0,005	Cmm	44,999										
Ø	Q2	45	+0,011 -0,005	Cmm	45										
	J1		/0	µm	-0,02										
	J2		/0	µm	-0,01										
	J3		/0	µm	0										

OUTPUT PINION	
Pinion 1	P1556
Span dimension over 3 teeth	
G1	62,54 0 -0,05 Cmm: 62,505
↗ g1	0,03 Di: 0,02
Pinion 2	P1557
Span dimension over 3 teeth	
G2	62,54 0 -0,05 Cmm: 62,51
↗ g2	0,03 Di: 0,015

No-load input torque	
Line	1,5 Nm
Line 2	1,8 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	1076,47
	2	1076,47
Radial stiffness (N/µm)	1	1303
	2	1504

Noise level	
@1000 rpm input (dB(A))	68,0

Date: 26/11/2015 **Visa:** JJ PELLE

Version: A

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