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CUSTOMER:	ORBITAL ATK	**CUSTOMER ORDER REF:**	24990 ORBITAL ATK
DISTRIBUTOR:	ANDANTEX INCORPORATED	**REDEX ORDER REF:**	210035
DESIGNATION:	DRP3+R.21.4.H	**SERIAL NUMBER:**	898129
CODE:	RX128771-11	**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:	**34,1 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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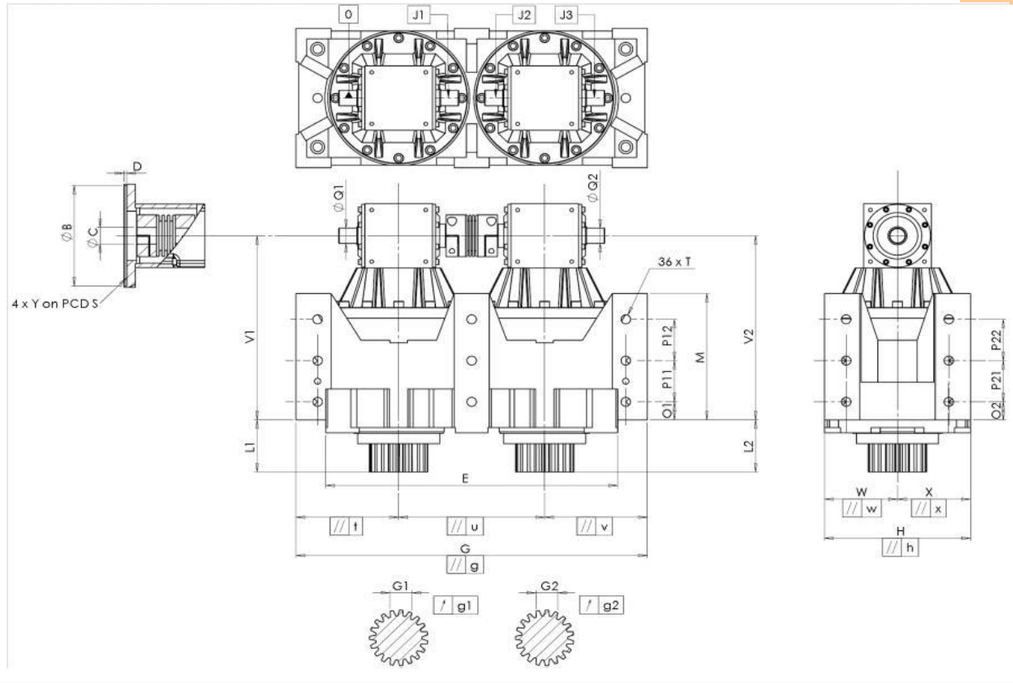
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 898129



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
				K0683		O1	35	35 Cr					L6448
	E	540 $^{0}_{-0,1}$	Cmm	539,938		P11	80	80 Cr	Ø	B	130 $^{+0,054}_{+0,014}$	µm	130,029
	G	650 $^{+0,2}_{-0,2}$	Cmm	650,028		P12	80	80 Cr	Ø	C	32 $^{+0,05}_{+0,025}$	µm	32,035
//	g	0,045	Cmm	0,023		M	245 $^{+0,1}_{-0,1}$	245,032 Cmm		D	5	Cr	5,085
//	t	0,045	Cmm	0,001		O2	35	35 Cr	Ø	S	215	Cr	215
//	u	0,035	Cmm	0,004		P21	80	80 Cr	Ø	Y	M12	Pg	M12
//	v	0,045	Cmm	0,004		P22	80	80 Cr					
	W	135	Cmm	135,009	Ø	T	M20	M20 Pg					
//	w	0,035	Cmm	0,001									
	X	135	Cmm	134,999									
//	x	0,035	Cmm	0,001									
	H	270 $^{+0,04}_{-0,04}$	Cmm	270,008									
//	h	0,02	Cmm	0,01									
	V1	357	Cmm	357,2									
	L1	101	Cmm	101,107									
	V2	357	Cmm	357,189									
	L2	101	Cmm	101,045									
Ø	Q1	30 $^{+0,009}_{-0,004}$	Cmm	30,002									
Ø	Q2	30 $^{+0,009}_{-0,004}$	Cmm	29,999									
	J1	/0	µm	0									
	J2	/0	µm	0,03									
	J3	/0	µm	0,025									

OUTPUT PINION			
Pinion 1			Q1811
Span dimension over 3 teeth			
	G1	39,25 $^{0}_{-0,03}$ Cmm	39,24
↗	g1	0,022 Di	0,005
Pinion 2			Q1813
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	1,5 Nm
Line 2	1,5 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03
	2	473,03
Radial stiffness (N/µm)	1	941
	2	944

Noise level	
@1600 rpm input (dB(A))	74,0

Date: 21/12/2015 **Visa:** JJ PELLE

Version: A

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