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CUSTOMER:	PAR SYSTEMS	CUSTOMER ORDER REF: 27925-00 PAR SYSTEMS
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF: 212520
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER: 901448
CODE:	RX129047-33	MOTOR FLANGE CODE: RX129551-01

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:	18,1 Nm

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

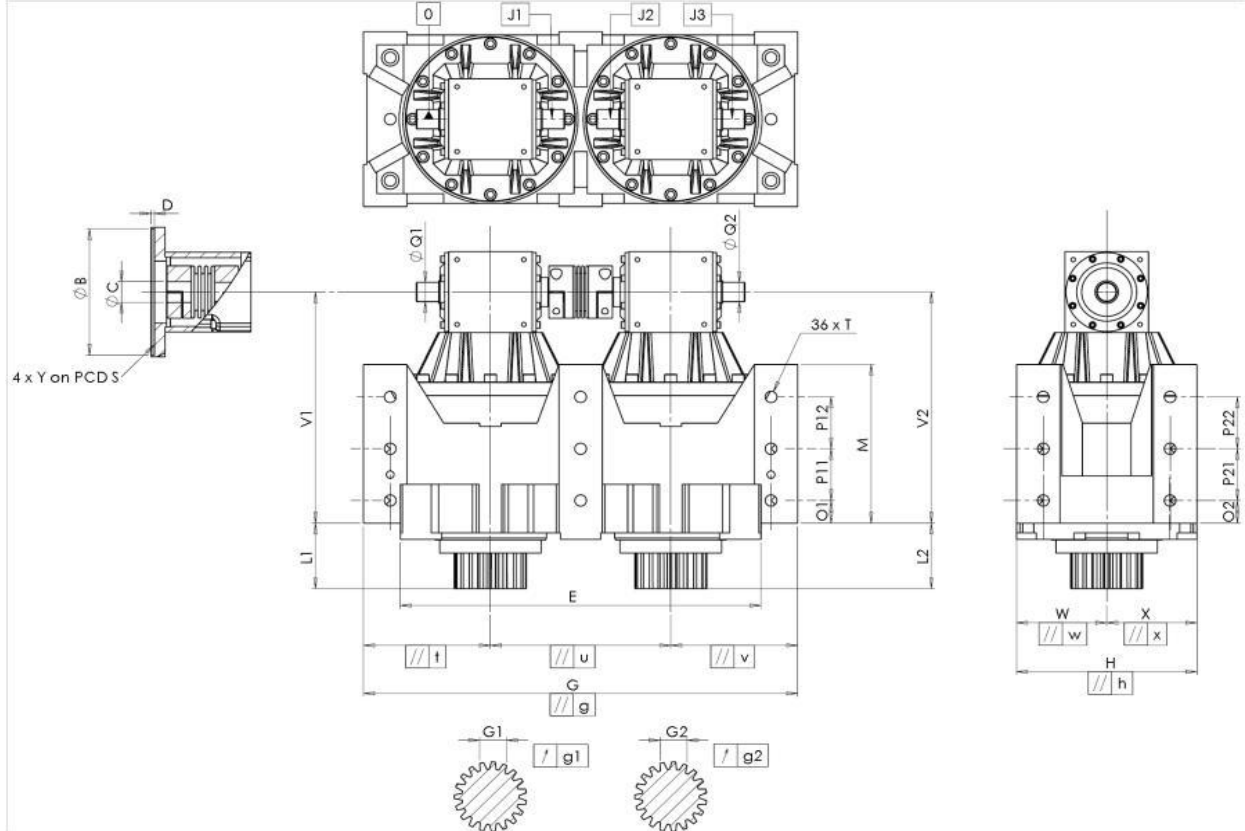
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 901448
		

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	
					A8989							43							A5571	
	E	640	⁰ _{-0,1}	Cmm	639.978		O1	43	Cr	43										
	G	800	^{+0,2} _{-0,2}	Cmm	799.986		P11	100	Cr	100		Ø	B	180	^{+0,054} _{+0,014}	µm	180.037			
//	g	0,05		Cmm	0.013		P12	100	Cr	100		Ø	C	38	^{+0,05} _{+0,025}	µm	38.05			
//	t	0,05		Cmm	0.006		M	288	^{+0,1} _{-0,1}	Cmm	287.989		D	8		Cr	8.115			
//	u	0,035		Cmm	0.008		O2	43	Cr	43		Ø	S	215		Cr	215			
//	v	0,05		Cmm	0.001		P21	100	Cr	100		Ø	Y	M12		Pg	M12			
	W	160		Cmm	160.008		P22	100	Cr	100										
	Ø	T	M24	Pg	M24															
//	w	0,04		Cmm	0.001	OUTPUT PINION														
	X	160		Cmm	160.022	Pinion 1												N1933		
//	x	0,04		Cmm	0.003	Span dimension over 3 teeth														
	H	320	^{+0,04} _{-0,04}	Cmm	320.03		G1	46,9	⁰ _{-0,03}	Cmm	46.88									
//	h	0,02		Cmm	0.02		↗ g1	0,022	Di	0.02										
	V1	435		Cmm	435.075	Pinion 2					N719									
	L1	120		Cmm	120.32	Span dimension over 3 teeth														
	V2	435		Cmm	435.203		G2	46,9	⁰ _{-0,03}	Cmm	46.885						Torsional stiffness (Nm/arcmin)		1	745,99
	L2	120		Cmm	120.142		↗ g2	0,022	Di	0.01	Radial stiffness (N/µm)		1	1139						
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35.005	No-load input torque					Noise level									
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35.005															
	J1	/0	µm	0.03	Line										2 Nm					
	J2	/0	µm	0.01	Line 2										2 Nm					
	J3	/0	µm	0.01																
												@1300 rpm input (dB(A))					70.0			