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CUSTOMER:	PAR SYSTEMS	CUSTOMER ORDER REF: 27925-00 PAR SYSTEMS
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF: 212520
DESIGNATION:	DRP5+R.91.4.H	SERIAL NUMBER: 901451
CODE:	RX129232-33	MOTOR FLANGE CODE: RX129792-01

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:	34,2 Nm

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

SPECIFIC REMARKS:

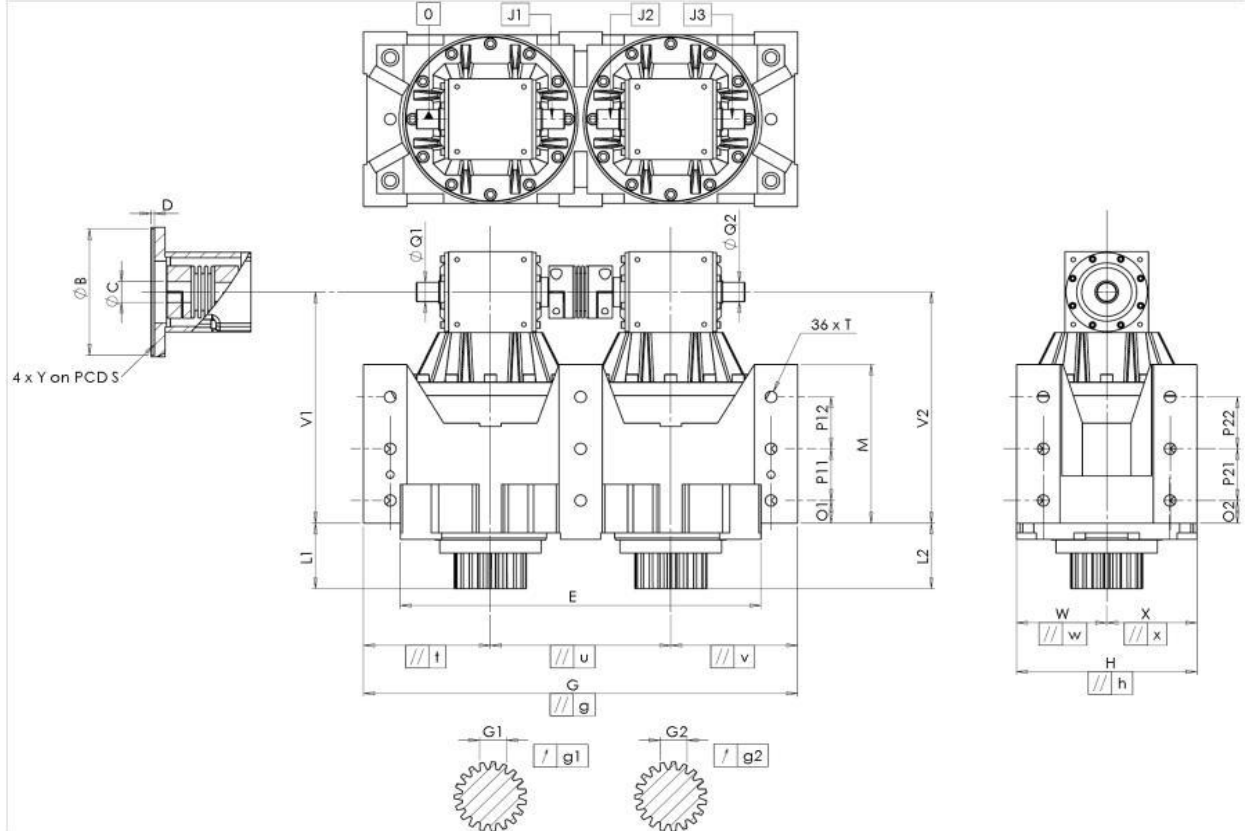
⁽¹⁾Accepted according to Redex derogation RX9799

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 901451
		

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		
					A3597						50						A5939		
	E	720 ⁰ _{-0,15}	Cmm	719.908		P11	105	Cr	105		Ø	B	180 ^{+0,054} _{+0,014}	µm	180.035				
	G	920 ^{+0,3} _{-0,3}	Cmm	919.986		P12	105	Cr	105		Ø	C	38 ^{+0,05} _{+0,025}	µm	38.05				
//	g	0,055	Cmm	0.018		M	320 ^{+0,1} _{-0,1}	Cmm	319.999			D	8	Cr	8.093				
//	t	0,055	Cmm	0.002		O2	50	Cr	50		Ø	S	215	Cr	215				
//	u	0,04	Cmm	0.01		P21	105	Cr	105		Ø	Y	M12	Pg	M12				
//	v	0,055	Cmm	0.005		P22	105	Cr	105										
	W	180	Cmm	179.943	Ø	T	M30	Pg	M30										
//	w	0,05	Cmm	0.002	OUTPUT PINION														
	X	180	Cmm	179.991	Pinion 1				N1053										
//	x	0,05	Cmm	0.003	Span dimension over 3 teeth														
	H	360 ^{+0,045} _{-0,045}	Cmm	359,934 ⁽¹⁾		G1	62,97 ⁰ _{-0,05}	Cmm	62.94										
//	h	0,03	Cmm	0.012	↗	g1	0,03	Di	0.015								Line	Stiffness	
	V1	512	Cmm	512.484	Pinion 2											N1059			
	L1	157	Cmm	157.22	Span dimension over 3 teeth														
	V2	512	Cmm	512.433		G2	62,97 ⁰ _{-0,05}	Cmm	62.95										
	L2	157	Cmm	157.283	↗	g2	0,03	Di	0.02							Torsional stiffness (Nm/arcmin)	1	1076,47	
																	2	1076,47	
Ø	Q1	45 ^{+0,011} _{-0,005}	Cmm	45.001	No-load input torque														
Ø	Q2	45 ^{+0,011} _{-0,005}	Cmm	45.006												Noise level			
	J1	/0	µm	0.01	Line											@1000 rpm input (dB(A))		72.5	
	J2	/0	µm	0.03	Line 2														
	J3	/0	µm	0.02															

Date: 28/03/2018

Visa: C DE MIRANDA

Version: A

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