

CUSTOMER:	PAR SYSTEMS	CUSTOMER ORDER REF:	30086-00 PAR SYSTEMS
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF:	214741
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER:	904156
CODE:	RX128771-33	MOTOR FLANGE CODE:	RX129474-03

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 T_p :

Following application

Maximum preload torque:

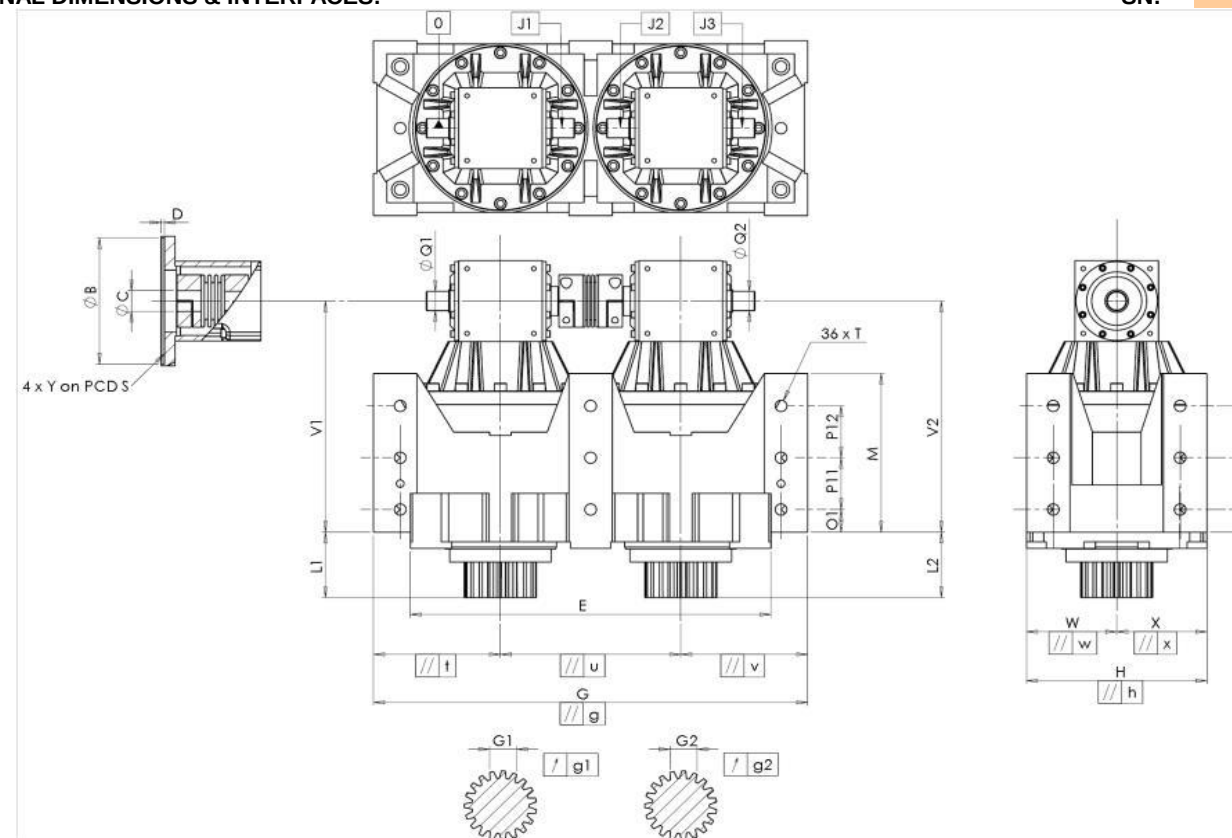
10 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 904156



General tolerance: Js13	<i>Cmm</i>	Automatic / manual coordinate-measuring machine	μm	Micrometer	<i>Cr</i>	Calliper rule	<i>Di</i>	Dial indicator	<i>Pg</i>	Plug gauge
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HOUSING					HOUSING					MOTOR FLANGE										
requirement					measure		requirement					measure		requirement			measure			
					C3453							B8690								
E 540 ⁰ _{-0,1}					Cmm	539,979	O1 35					Cr	35	Ø B 180 ^{+0,054} _{+0,014}			µm	180,017		
G 650 ^{+0,2} _{-0,2}					Cmm	650,028	P12 80					Cr	80	Ø C 38 ^{+0,05} _{+0,025}			µm	38,04		
//	g	0,045	Cmm	0,012	M 245 ^{+0,1} _{-0,1}					Cmm	245,056	D 8			Cr	8,09				
//	t	0,045	Cmm	0,005	O2 35					Cr	35	Ø S 215			Cr	215				
//	u	0,035	Cmm	0,007	P21 80					Cr	80	Ø Y M12			Pg	M12				
//	v	0,045	Cmm	0,004	P22 80					Cr	80									
	W	135	Cmm	135	Ø T M20					Pg	M20									
//	w	0,035	Cmm	0,004	OUTPUT PINION															
	X	135	Cmm	135,007						Pinion 1							L3884			
//	x	0,035	Cmm	0,001	Span dimension over 3 teeth															
	H	270 ^{+0,04} _{-0,04}	Cmm	270,007																
//	h	0,02	Cmm	0,02	↗		G1 39,25 ⁰ _{-0,03}	Cmm	39,23											
	V1	357	Cmm	357,332			g1 0,022	Di	0,02											
	L1	101	Cmm	101,085	Pinion 2					L3897							Torsional stiffness (Nm/arcmin)		1	473,03
	V2	357	Cmm	357,3						Span dimension over 3 teeth									2	
	L2	101	Cmm	101,024			G2 39,25 ⁰ _{-0,03}	Cmm	39,23								Radial stiffness (N/µm)		1	1144
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30,002	↗		g2 0,022	Di	0,015			2		1126						
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,005	No-load input torque					Noise level										
	J1	/0	µm	-0,02													Line		0,7 Nm	
	J2	/0	µm	0,03																
	J3	/0	µm	-0,02								Line 2		0,7 Nm						

Date: 02/03/2020

Visa: C DE MIRANDA

Version: A