

DRP		Page
Performance sheet	RX183/005-B	1/2
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: 901449
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)

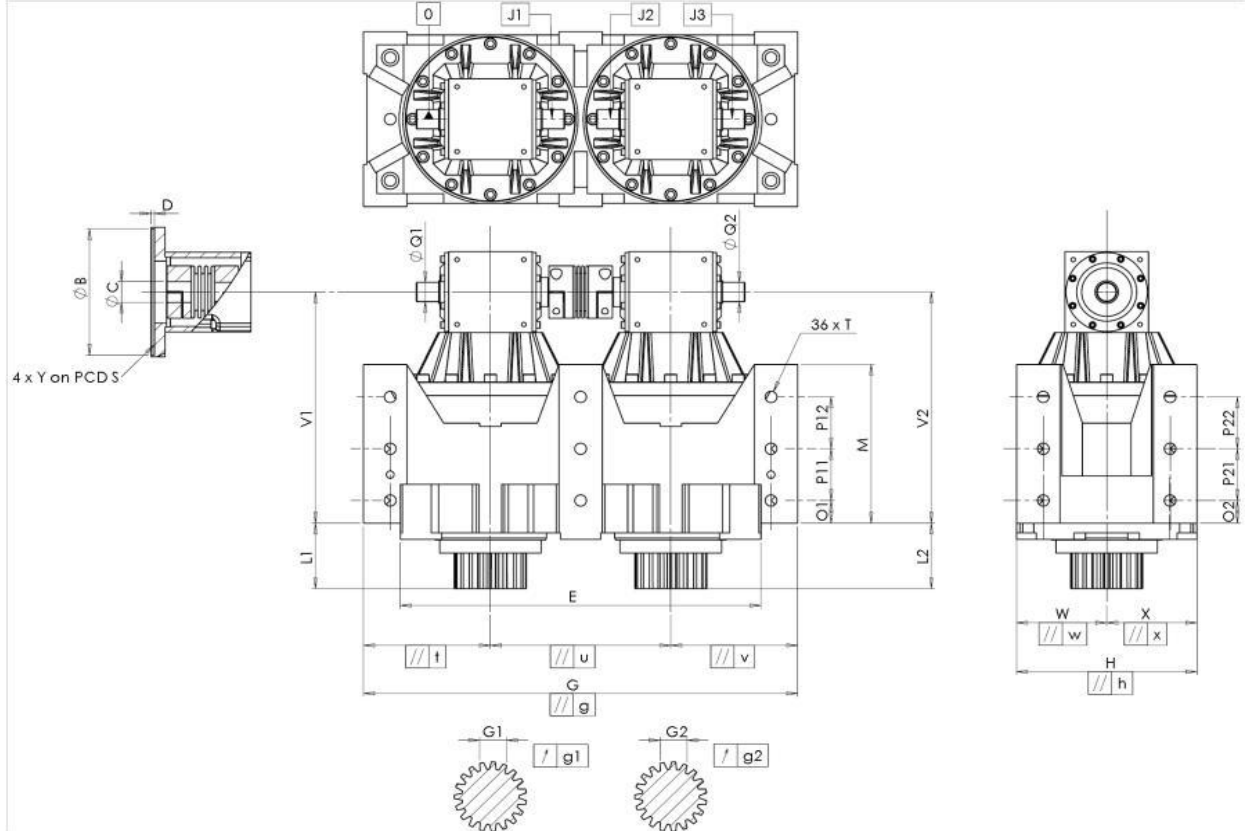
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX

ZI-BP79
F45210 FERRIERES
www.redex.fr

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex.fr

DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 901449
		

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	
						A8990			O1	43	Cr	43					A5573		
	E	640	⁰ _{-0,1}	Cmm	639.98		P11	100	Cr	100		∅	B	180	^{+0,054} _{+0,014}	µm	180.03		
	G	800	^{+0,2} _{-0,2}	Cmm	799.982		P12	100	Cr	100		∅	C	38	^{+0,05} _{+0,025}	µm	38.04		
//	g	0,05		Cmm	0.012		M	288	^{+0,1} _{-0,1}	Cmm	287.982		D	8		Cr	8.11		
//	t	0,05		Cmm	0.006		O2	43	Cr	43		∅	S	215		Cr	215		
//	u	0,035		Cmm	0.011		P21	100	Cr	100		∅	Y	M12		Pg	M12		
//	v	0,05		Cmm	0.003		P22	100	Cr	100									
	W	160		Cmm	159.989	∅	T	M24	Pg	M24									
//	w	0,04		Cmm	0.002	OUTPUT PINION													
	X	160		Cmm	160.021	Pinion 1					N1926								
//	x	0,04		Cmm	0.002	Span dimension over 3 teeth													
	H	320	^{+0,04} _{-0,04}	Cmm	320.01		G1	46,9	⁰ _{-0,03}	Cmm	46.88								
//	h	0,02		Cmm	0.02	↗	g1	0,022	Di	0.02									
	V1	435		Cmm	435.183	Pinion 2					N1944		Torsional stiffness (Nm/arcmin)		1	745,99			
	L1	120		Cmm	120.171	Span dimension over 3 teeth									2	745,99			
	V2	435		Cmm	435.222	No-load input torque							Radial stiffness (N/µm)		1	1138			
	L2	120		Cmm	120.293		G2	46,9	⁰ _{-0,03}	Cmm	46.88	2			1004				
∅	Q1	35	^{+0,011} _{-0,005}	Cmm	35.005	↗	g2	0,022	Di	0.01									
∅	Q2	35	^{+0,011} _{-0,005}	Cmm	35	No-load input torque												Noise level	
	J1	/0	µm	0.01	Line					2 Nm		@1300 rpm input (dB(A))				70.5			
	J2	/0	µm	0.01	Line 2					2,1 Nm									
	J3	/0	µm	0.01															

Date: 29/03/2018

Visa: C DE MIRANDA

Version: A

REDEX

ZI-BP79
F45210 FERRIERES
www.redex.fr

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex.fr