

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	PAR SYSTEMS	CUSTOMER ORDER REF: *34651-00 PAR SYSYEMS
DISTRIBUTOR:	REDEX USA	REDEX ORDER REF: 219920
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER: 909745
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.

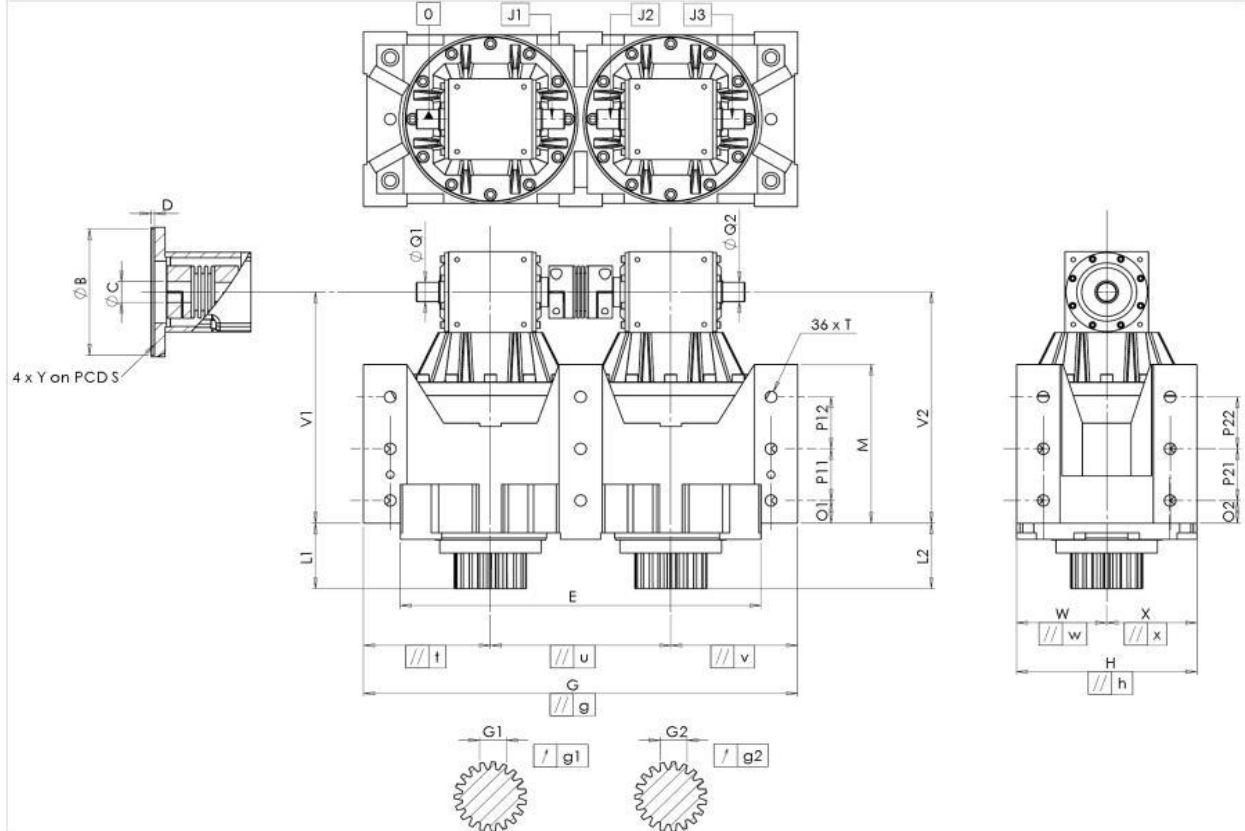
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

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:
(1) Accepted according to Redex derogation 14649

Product images are for illustrative purposes only.

DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 909745
		

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					
					J1694							O1		43	Cr	43							J263	
	E	640	⁰ _{-0,1}	Cmm	639,956		P11	100	Cr	100		Ø	B	180	^{+0,054} _{+0,014}	µm	180,045							
	G	800	^{+0,2} _{-0,2}	Cmm	799,956		P12	100	Cr	100		Ø	C	38	^{+0,05} _{+0,025}	µm	38,04							
//	g	0,05		Cmm	0,033		M	288	^{+0,1} _{-0,1}	Cmm	287,885 ⁽¹⁾		D	8		Cr	8,11							
//	t	0,05		Cmm	0,006		O2	43	Cr	43		Ø	S	215		Cr	215,03							
//	u	0,035		Cmm	0,01		P21	100	Cr	100		Ø	Y	M12		Pg	M12							
//	v	0,05		Cmm	0,008		P22	100	Cr	100														
	W	160		Cmm	159,977	Ø	T	M24	Pg	M24														
//	w	0,04		Cmm	0,005	OUTPUT PINION																		
	X	160		Cmm	160,009	Pinion 1					H3080													
//	x	0,04		Cmm	0,005	Span dimension over 3 teeth																		
	H	320	^{+0,04} _{-0,04}	Cmm	319,986		G1	46,9	⁰ _{-0,03}	Cmm							46,88							
//	h	0,02		Cmm	0,02	↗	g1	0,022		Di							0,01							
	V1	435		Cmm	434,958	Pinion 2											H3071							
	L1	120		Cmm	120,224	Span dimension over 3 teeth					Torsional stiffness (Nm/arcmin)		1	745,99										
	V2	435		Cmm	434,988		G2	46,9	⁰ _{-0,03}	Cmm			46,88	2	745,99									
	L2	120		Cmm	120,325	↗	g2	0,022		Di	0,01	Radial stiffness (N/µm)		1	1170									
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35,011	No-load input torque					Noise level			2	1074									
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35,01	Line							@1300 rpm input (dB(A))		71,0									
	J1	/0		Di	0	Line 2																		
	J2	/0		Di	0,01																			
	J3	/0		Di	0,02																			