

CUSTOMER:	DAR-TECH	CUSTOMER ORDER REF:	28601-00 DAR-TECH
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF:	213271
DESIGNATION:	DRP4+R.91.4.S	SERIAL NUMBER:	902443
CODE:	RX129181-33	MOTOR FLANGE CODE:	RX129551-03

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.

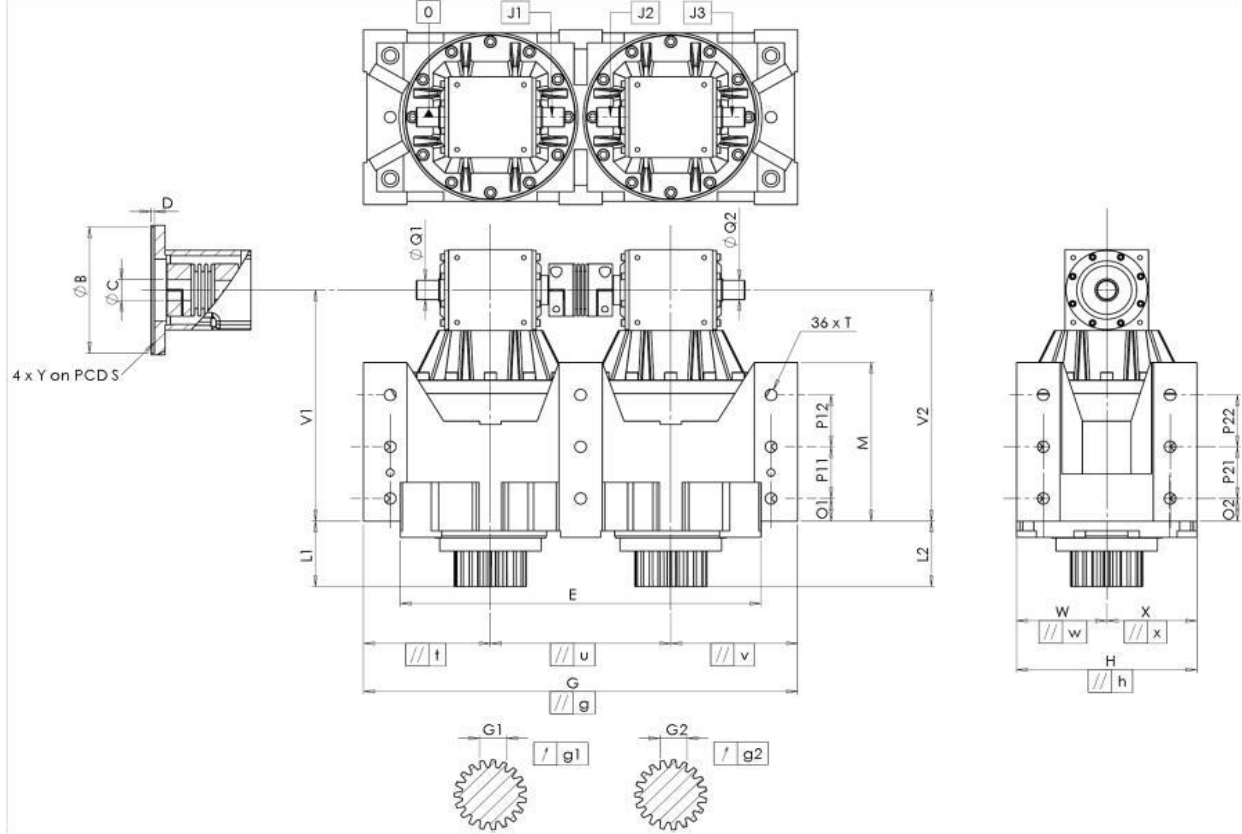
Optimal preload torque Tp:	Following application
Maximum preload torque:	18,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 902443



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										
						A8942						43						B8421										
E						640 ⁰ _{-0,1}	Cmm	639,963		P11				100	Cr	100		∅	B	114,3 ^{+0,047} _{+0,012}	µm	114,32						
G						800 ^{+0,2} _{-0,2}	Cmm	800,032		P12				100	Cr	100		∅	C	35 ^{+0,05} _{+0,025}	µm	35,05						
//						g	0,05	Cmm	0,019		M				288 ^{+0,1} _{-0,1}	Cmm	287,996		D		18	Cr	18					
//						t	0,05	Cmm	0,002		O2				43	Cr	43		∅	S	200	Cr	200					
//						u	0,035	Cmm	0,008		P21				100	Cr	100		∅	Y	M12	Pg	M12					
//						v	0,05	Cmm	0,009		P22				100	Cr	100											
						W	160	Cmm	159,999		∅	T	M24	Pg	M24													
//						w	0,04	Cmm	0,007		OUTPUT PINION																	
						X	160	Cmm	160,028		Pinion 1				Q124													
//						x	0,04	Cmm	0,003		Span dimension over 3 teeth																	
						H	320 ^{+0,04} _{-0,04}	Cmm	320,026						46,89													
//						h	0,02	Cmm	0,02		↗	g1	0,022	Di	0,015													
						V1	435	Cmm	435,246																			
						L1	120	Cmm	120,009		Pinion 2				Q127		Torsional stiffness (Nm/arcmin)							1	745,99			
						V2	435	Cmm	435,229		Span dimension over 3 teeth													2	745,99			
						L2	120	Cmm	119,966						46,885		Radial stiffness (N/µm)				1	1054						
∅						Q1	35 ^{+0,011} _{-0,005}	Cmm	35,004		↗	g2	0,022	Di	0,015						2	1107						
∅						Q2	35 ^{+0,011} _{-0,005}	Cmm	35,005		No-load input torque						Noise level											
						J1	/0	µm	0,04		Line				3 Nm		@1300 rpm input (dB(A))				69,5							
						J2	/0	µm	0,05		Line 2				3 Nm													
						J3	/0	µm	0,02																			

Date: 12/11/2018
Version: A

Visa: C DE MIRANDA