

CUSTOMER:	YUKON CNC MACHINE	CUSTOMER ORDER REF:	RX107329T YUKON
DISTRIBUTOR:		REDEX ORDER REF:	213801
DESIGNATION:	DRP2+R.31.4.H	SERIAL NUMBER:	903018
CODE:	RX128950-12	MOTOR FLANGE CODE:	

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.

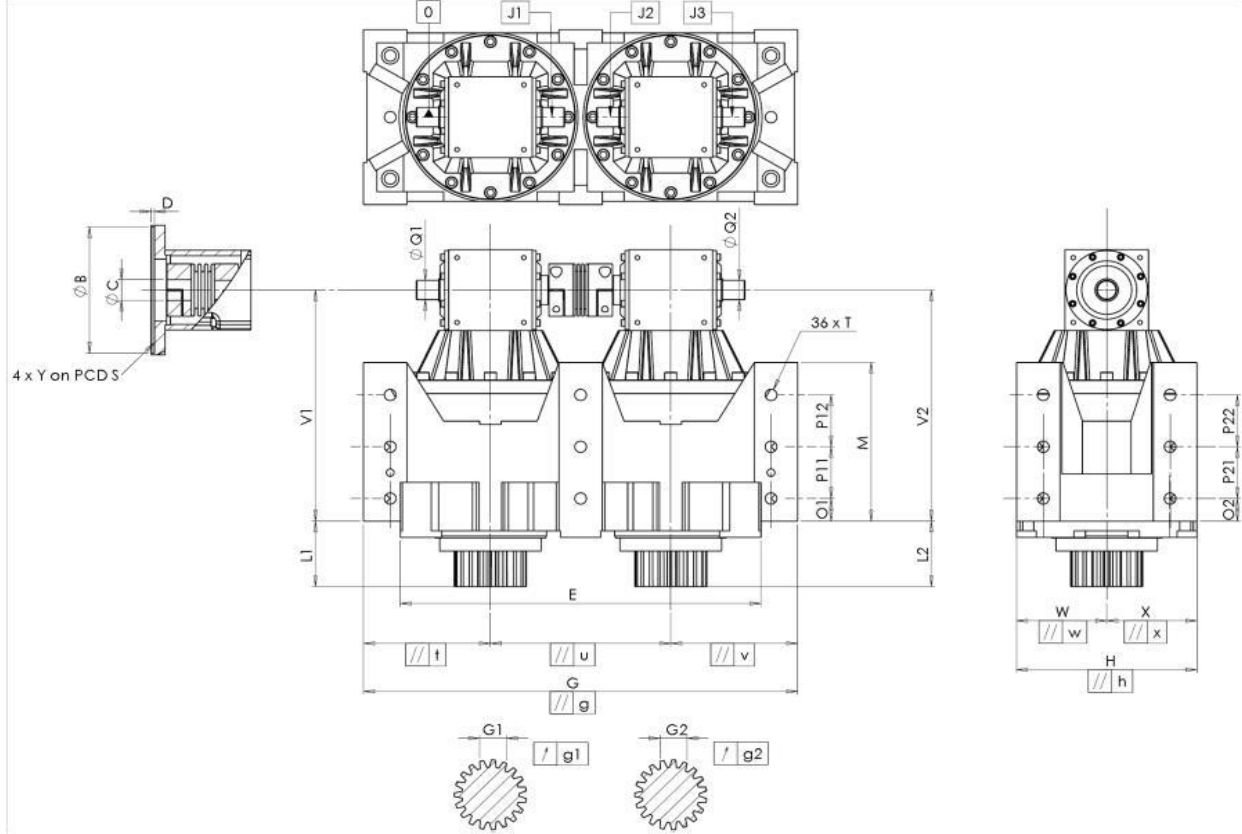
Optimal preload torque Tp:	Following application
Maximum preload torque:	18,7 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:	SN:	903018
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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											
						B8109						30						-											
E						460 ⁰ _{-0,05}	Cmm	459,978		P11				75	Cr	75		Ø		B		µm							
G						560 ^{+0,1} _{-0,1}	Cmm	559,918		P12				75	Cr	75		Ø		C		µm							
//						g	0,045	Cmm	0,014		M				210 ^{+0,1} _{-0,1}	Cmm	209,907						D		Cr				
//						t	0,045	Cmm	0,001		O2				30	Cr	30		Ø				S		Cr				
//						u	0,03	Cmm	0,004		P21				75	Cr	75		Ø				Y		Pg				
//						v	0,045	Cmm	0,003		P22				75	Cr	75												
						W	115	Cmm	115,013		Ø				T	M16	Pg	M16											
//						w	0,03	Cmm	0,004		OUTPUT PINION																		
						X	115	Cmm	115,001		Pinion 1				M2624														
//						x	0,03	Cmm	0,005		Span dimension over 4 teeth																		
						H	230 ^{+0,025} _{-0,025}	Cmm	230,014		G1				44,27 ⁰ _{-0,03}	Cmm	44,25												
//						h	0,02	Cmm	0,01		↗				g1	0,022	Di	0,005											
						V1	298	Cmm	298,181		Pinion 2				M2640														
						L1	85	Cmm	85,007		Span dimension over 4 teeth																		
						V2	298	Cmm	298,085		G2				44,27 ⁰ _{-0,03}	Cmm	44,255								Torsional stiffness (Nm/arcmin)				1
Ø						Q1	25 ^{+0,009} _{-0,004}	Cmm	25,009		↗				g2	0,022	Di	0,015		2				243,75					
Ø						Q2	25 ^{+0,009} _{-0,004}	Cmm	25,006		No-load input torque						Noise level												
						J1	/0	µm	0		Line				0,8 Nm		@1600 rpm input (dB(A))						71,5						
						J2	/0	µm	0,04		Line 2				0,8 Nm														
						J3	/0	µm	0,03																				