

DRP		Page
Performance sheet		1/2
CUSTOMER:	ROUNDTOP MACHINERY IND.CO	CUSTOMER ORDER REF: ROUNDTOP RX103220T
DISTRIBUTOR:		REDEX ORDER REF: 208878
DESIGNATION:	DRP2+R.31.4.H	SERIAL NUMBER: 896426
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.

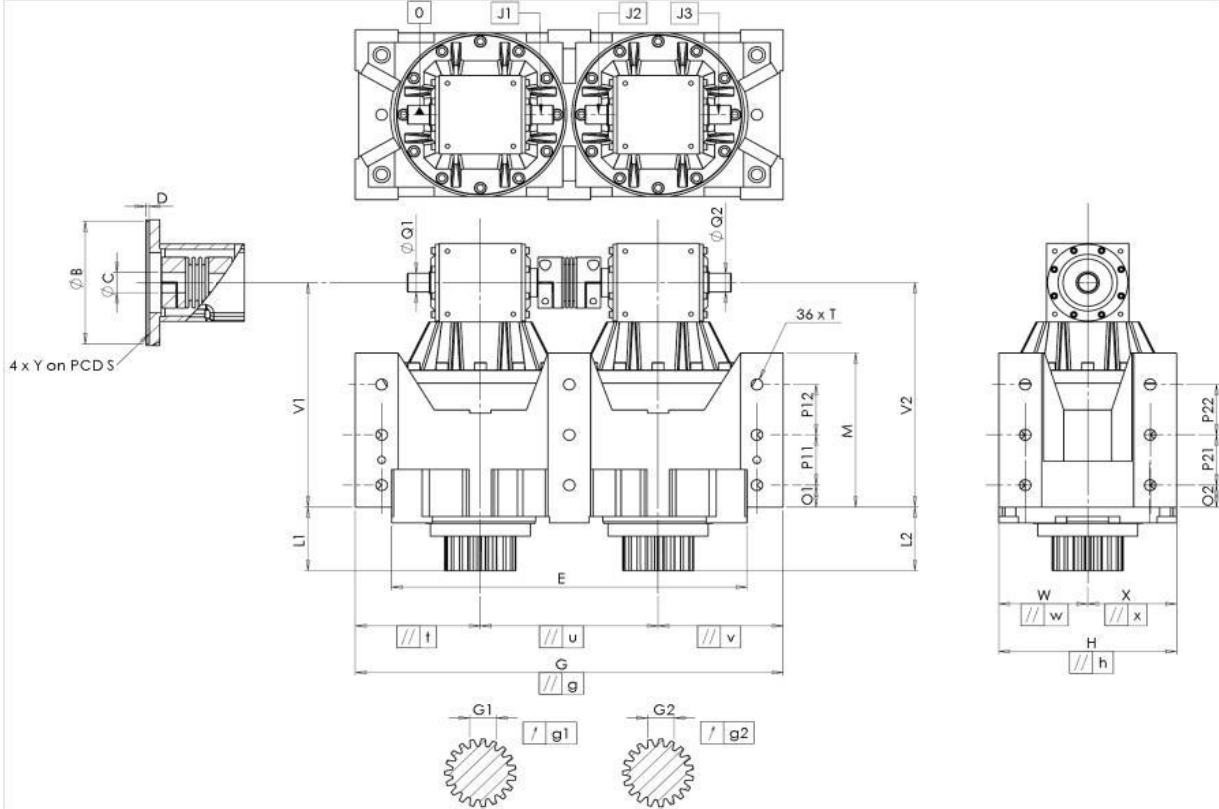
Optimal preload torque Tp:	Following application
Maximum preload torque:	18,7 Nm

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

SPECIFIC REMARKS:

*TO INTERNAL DEROGATION RX7185

Product images are for illustrative purposes only.

DRP		Page
Performance sheet		2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 896426
		

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						
					K1297							O1 30			Cr	30								-		
E					460 ⁰ _{-0,05}	Cmm	459,944 *		P11 75					Cr	75			Ø		B		µm				
G					560 ^{+0,1} _{-0,1}	Cmm	559,996		P12 75					Cr	75			Ø		C		µm				
// g					0,045	Cmm	0,012		M 210 ^{+0,1} _{-0,1}					Cmm	210,033					D		Cr				
// t					0,045	Cmm	0,002		O2 30					Cr	30			Ø		S		Cr				
// u					0,03	Cmm	0,002		P21 75					Cr	75			Ø		Y		Pg				
// v					0,045	Cmm	0,001		P22 75					Cr	75											
W					115	Cmm	115,002		Ø		T	M16	Pg	M16												
// w					0,03	Cmm	0,004		OUTPUT PINION																	
					X	115	Cmm	115,01		Pinion 1					Q1636											
// x					0,03	Cmm	0,003		Span dimension over 4 teeth																	
					H	230 ^{+0,025} _{-0,025}	Cmm	230,011							G1	44,27 ⁰ _{-0,03}	Cmm	44,26								
// h					0,02	Cmm	0,015		↗		g1	0,022	Di	0,01												
					V1	298	Cmm	298,357							Pinion 2			Q1641								
					L1	85	Cmm	84,96		Span dimension over 4 teeth																
					V2	298	Cmm	298,282							G2	44,27 ⁰ _{-0,03}	Cmm	44,26								
					L2	85	Cmm	84,904		↗		g2	0,022	Di	0,005											
Ø Q1					25 ^{+0,009} _{-0,004}	Cmm	24,999		No-load input torque																	
Ø Q2					25 ^{+0,009} _{-0,004}	Cmm	24,998		Line					1 Nm												
					J1	/0	µm	-0,01		Line 2					1 Nm											
					J2	/0	µm	0,01																		
					J3	/0	µm	0,02																		

Date: 19/11/2014

Visa: JJ PELLÉ

Version: A