

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	ROUNDTOP MACHINERY IND.CC	CUSTOMER ORDER REF: ROUNDTOP RX103220T
DISTRIBUTOR:		REDEX ORDER REF: 208878
DESIGNATION:	DRP3+R.31.4.H	SERIAL NUMBER: 896425
CODE:	RX128771-12	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.

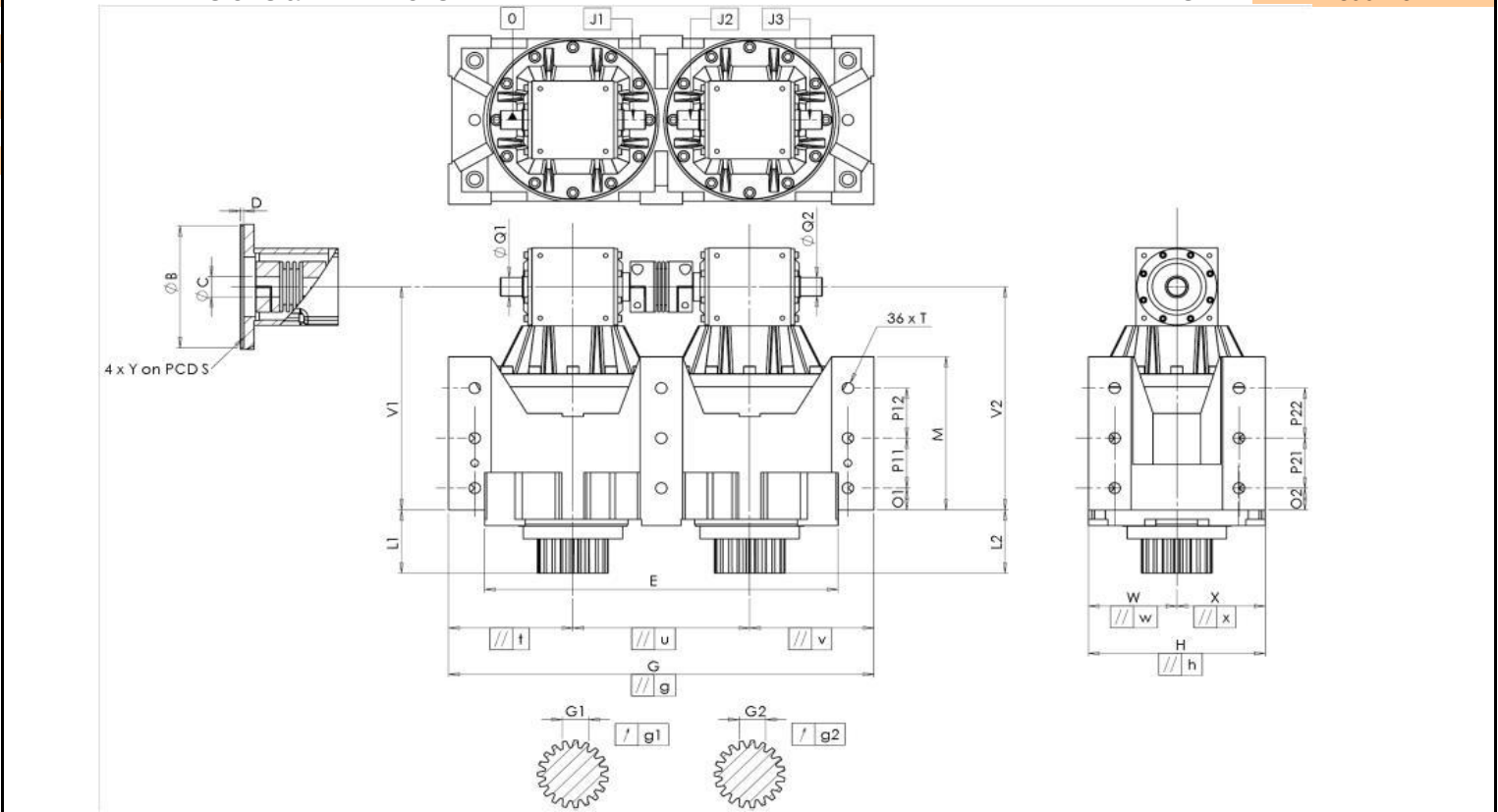
Optimal preload torque Tp:	Following application
Maximum preload torque:	36,3 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 896425



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			
					J8724				O1		35		Cr		35				-		
	E	540	⁰ _{-0,1}	Cmm	539,962				P11	80		Cr		80			Ø	B		µm	
	G	650	^{+0,2} _{-0,2}	Cmm	650,137				P12	80		Cr		80			Ø	C		µm	
//	g	0,045		Cmm	0,017				M	245	^{+0,1} _{-0,1}	Cmm	245,028				D		Cr		
//	t	0,045		Cmm	0,001				O2	35		Cr		35			Ø	S		Cr	
//	u	0,035		Cmm	0,008				P21	80		Cr		80			Ø	Y		Pg	
//	v	0,045		Cmm	0,008				P22	80		Cr		80							
	W	135		Cmm	135,017			Ø	T	M20		Pg		M20							
//	w	0,035		Cmm	0,001		OUTPUT PINION														
	X	135		Cmm	135,016		Pinion 1		R1263												
//	x	0,035		Cmm	0,001		Span dimension over 3 teeth														
	H	270	^{+0,04} _{-0,04}	Cmm	270,033			G1	39,25	⁰ _{-0,03}	Cmm	39,235									
//	h	0,02		Cmm	0,007		↗	g1	0,022		Di	0,01									
	V1	357		Cmm	357,157		Pinion 2		R1268												
	L1	101		Cmm	101,07		Span dimension over 3 teeth														
	V2	357		Cmm	357,148			G2	39,25	⁰ _{-0,03}	Cmm	39,24									
	L2	101		Cmm	101,098		↗	g2	0,022		Di	0,015									
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,008		No-load input torque														
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30		Line		1 Nm												
	J1		/0	µm	-0,03		Line 2		1 Nm												
	J2		/0	µm	-0,02																
	J3		/0	µm	-0,04																
												Torsional stiffness (Nm/arcmin)		1	458						
												Radial stiffness (N/µm)		2	454						
														1	918						
														2	853						
												Noise level									
												@1600 rpm input (dB(A))		77,0							

Date: 19/11/2014

Version: A

Visa: JJ PELLÉ