

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	CNC DESIGN Co.	CUSTOMER ORDER REF: MIS 2241 CNC DESIGN
DISTRIBUTOR:		REDEX ORDER REF: 210405
DESIGNATION:	DRP2+R.31.4.H	SERIAL NUMBER: 898588
CODE:	RX128950-12	MOTOR FLANGE CODE: RX129627-01

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:	18,7 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: 898588

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						
					L4030											M282						
E					460 ⁰ _{-0,05}	Cmm	459,988		P11			75	Cr	75		∅	B	180 ^{+0,054} _{+0,014}	µm	180,032		
G					560 ^{+0,1} _{-0,1}	Cmm	560,058		P12			75	Cr	75		∅	C	38 ^{+0,05} _{+0,025}	µm	38,04		
//					g	0,045	Cmm	0,017		M			210 ^{+0,1} _{-0,1}	Cmm	209,953			D	8	Cr	8,102	
//					t	0,045	Cmm	0,001		O2			30	Cr	30		∅	S	215	Cr	215	
//					u	0,03	Cmm	0,007		P21			75	Cr	75		∅	Y	M12	Pg	M12	
//					v	0,045	Cmm	0,006		P22			75	Cr	75							
					W	115	Cmm	115,009		∅	T	M16	Pg	M16								
//					w	0,03	Cmm	0,002		OUTPUT PINION												
					X	115	Cmm	114,999		Pinion 1				P2334								
//					x	0,03	Cmm	0,003		Span dimension over 4 teeth												
					H	230 ^{+0,025} _{-0,025}	Cmm	230,008														
//					h	0,02	Cmm	0,009		↗				G1	44,27 ⁰ _{-0,03}	Cmm					44,26	
					V1	298	Cmm	298,342						g1	0,022	Di					0,02	
					L1	85	Cmm	84,907		Pinion 2				P2316								
					V2	298	Cmm	298,408		Span dimension over 4 teeth												
					L2	85	Cmm	84,901						G2	44,27 ⁰ _{-0,03}	Cmm	44,26					
∅					Q1	25 ^{+0,009} _{-0,004}	Cmm	25,008		↗				g2	0,022	Di	0,01					
∅					Q2	25 ^{+0,009} _{-0,004}	Cmm	25		No-load input torque												
					J1	/0	µm	-0,001		Line				0,7 Nm								
					J2	/0	µm	-0,005		Line 2				0,7 Nm								
					J3	/0	µm	-0,005														
												Noise level										
												@2100 rpm input (dB(A))				75,5						

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Version: A