

DRP

Performance sheet

RX183/005-B

Page1/2

CUSTOMER:MYDAY MACHINERY

CUSTOMER ORDER REF:RX113304T

DISTRIBUTOR:

REDEX ORDER REF:219250

DESIGNATION:DRP3+R.61.4.H

SERIAL NUMBER:909130

CODE:RX128771-32

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:	14,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP

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Page2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN:909130

General tolerance: Js13	Cmm	Automatic / manual coordinate-measuring machine	µm	Micrometer	Cr	Calliper rule	Di	Dial indicator	Pg	Plug gauge
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HOUSING				HOUSING				MOTOR FLANGE							
requirement				measure				requirement				measure			
				G4756								-			
	E	540	⁰ _{-0,1}	Cmm	539,972		O1	35	Cr	35		Ø	B		µm
	G	650	^{+0,2} _{-0,2}	Cmm	650,034		P11	80	Cr	80		Ø	C		µm
//	g	0,045		Cmm	0,036		M	245	^{+0,1} _{-0,1}	Cmm	245		D		Cr
//	t	0,045		Cmm	0,003		O2	35	Cr	35		Ø	S		Cr
//	u	0,035		Cmm	0,004		P21	80	Cr	80		Ø	Y		Pg
//	v	0,045		Cmm	0,002		P22	80	Cr	80					
	W	135		Cmm	134,991	Ø	T	M20	Pg	M20					
//	w	0,035		Cmm	0,009	OUTPUT PINION									
	X	135		Cmm	135,03	Pinion 1				F5327					
//	x	0,035		Cmm	0,009	Span dimension over 3 teeth									
	H	270	^{+0,04} _{-0,04}	Cmm	270,021		G1	39,25	⁰ _{-0,03}	Cmm	39,24				
//	h	0,02		Cmm	0,015	↗	g1	0,022	Di	0,02					
	V1	357		Cmm	357,052	Pinion 2				F5308					
	L1	101		Cmm	101,032	Span dimension over 3 teeth									
	V2	357		Cmm	357,009		G2	39,25	⁰ _{-0,03}	Cmm	39,235				
	L2	101		Cmm	101,044	↗	g2	0,022	Di	0,02					
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,006	No-load input torque									
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	29,998	Line				0,7 Nm					
	J1		/0	Di	0,01	Line 2				0,7 Nm					
	J2		/0	Di	0,02										
	J3		/0	Di	0,02										

Date:26/11/2024

Visa:C DE MIRANDA

Version:A

Line			Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03	
	2	473,03	
Radial stiffness (N/µm)	1	1161	
	2	1102	

Noise level		
@1600 rpm input (dB(A))	73,0	