

DRP

Performance sheet

RX183/005-B

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CUSTOMER:

MAXIS MOTION

CUSTOMER ORDER REF:

*MM/MECH/24-25/1677 MAXIS M

DISTRIBUTOR:

REDEX ORDER REF:

220045

DESIGNATION:

DRP2.R1.31.4.S

SERIAL NUMBER:

909858

CODE:

RX135368-12

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:

Maximum preload torque:

Following application

18,7 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.



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EXTERNAL DIMENSIONS & INTERFACES:

SN: 909858

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	
					J3210							30							J1860	
	E	460	⁰ _{-0,05}	Cmm	459.981		O1	30	Cr	30		Ø	B	180	^{+0,054} _{+0,014}	µm	180.045			
	G	560	^{+0,1} _{-0,1}	Cmm	559.907		P11	75	Cr	75		Ø	C	38	^{+0,05} _{+0,025}	µm	38.05			
//	g	0,045		Cmm	0.012		M	210	^{+0,1} _{-0,1}	Cmm	209.911		D	8		Cr	8.13			
//	t	0,045		Cmm	0.001		O2	30		Cr	30		Ø	S	215		Cr	215		
//	u	0,03		Cmm	0.004		P21	75		Cr	75		Ø	Y	M12		Pg	M12		
//	v	0,045		Cmm	0.006		P22	75		Cr	75									
	W	115		Cmm	115.009	Ø	T	M16		Pg	M16									
//	w	0,03		Cmm	0.004	OUTPUT PINION														
	X	115		Cmm	115.01	Pinion 1					J276									
//	x	0,03		Cmm	0.004	Span dimension over 4 teeth														
	H	230	^{+0,025} _{-0,025}	Cmm	230.019		G1	44,27	⁰ _{-0,03}	Cmm	44.253									
//	h	0,02		Cmm	0.005	↗	g1	0,022		Di	0.01									
	V1	298		Cmm	298.139	Pinion 2					J267									
	L1	85		Cmm	85.097	Span dimension over 4 teeth														
	V2	298		Cmm	298.13		G2	44,27	⁰ _{-0,03}	Cmm	44.247									
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25.007	↗	g2	0,022		Di	0.01	Torsional stiffness (Nm/arcmin)		1	224					
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	24.997	No-load input torque					J267		Radial stiffness (N/µm)		2	592				
	J1	/0		Di	0.01	Line					2,1 Nm		Noise level @1600 rpm input (dB(A))				74.0			
	J2	/0		Di	0.01	Line 2					2,1 Nm									
	J3	/0		Di	0.02															

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Version: A

Visa: C DE MIRANDA



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