

DRP

Performance sheet

RX183/005-B

Page1/2

CUSTOMER:

JSC MZOR

CUSTOMER ORDER REF:

80/521-1-2 MZOR

DISTRIBUTOR:

REDEX ORDER REF:

213474

DESIGNATION:

DRP2+R.31.4.H

SERIAL NUMBER:

902782

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:

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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Page2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN:

902782

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					
					B9681										B9418					
	E	460 ⁰ _{-0,05}	Cmm	459,968		O1	30	Cr	30		Ø	B	180 ^{+0,054} _{+0,014}	µm	180,022					
	G	560 ^{+0,1} _{-0,1}	Cmm	559,946		P12	75	Cr	75		Ø	C	38 ^{+0,05} _{+0,025}	µm	38,03					
//	g	0,045	Cmm	0,011		M	210 ^{+0,1} _{-0,1}	Cmm	209,958		D	8	Cr	8,09						
//	t	0,045	Cmm	0,001		O2	30	Cr	30		Ø	S	215	Cr	215					
//	u	0,03	Cmm	0,002		P21	75	Cr	75		Ø	Y	M12	Pg	M12					
//	v	0,045	Cmm	0,001		P22	75	Cr	75											
	W	115	Cmm	115,007	Ø	T	M16	Pg	M16											
//	w	0,03	Cmm	0,006	OUTPUT PINION															
	X	115	Cmm	114,995	Pinion 1				M1521											
//	x	0,03	Cmm	0,006	Span dimension over 4 teeth															
	H	230 ^{+0,025} _{-0,025}	Cmm	230,002		G1	44,27 ⁰ _{-0,03}	Cmm	44,25				Line	Stiffness						
//	h	0,02	Cmm	0,005	↗	g1	0,022	Di	0,01											
	V1	298	Cmm	298,195	Pinion 2					M1530		Torsional stiffness (Nm/arcmin)		1	243,75					
	L1	85	Cmm	85,053	Span dimension over 4 teeth					M1530				2	243,75					
	V2	298	Cmm	298,173	Span dimension over 4 teeth							Radial stiffness (N/µm)		1	578					
	L2	85	Cmm	85,021		G2	44,27 ⁰ _{-0,03}	Cmm	44,25					2	594					
Ø	Q1	25 ^{+0,009} _{-0,004}	Cmm	24,999	↗	g2	0,022	Di	0,01											
Ø	Q2	25 ^{+0,009} _{-0,004}	Cmm	24,996	No-load input torque															
	J1	/0	µm	0,005	Line					0,5 Nm		Noise level @1600 rpm input (dB(A))				73,0				
	J2	/0	µm	0,02	Line 2					0,5 Nm										
	J3	/0	µm	0,02																

Date:

09/05/2019

Visa:

C DE MIRANDA

Version:

A