

DRP

Performance sheet

RX183/005-B

Page1/2

CUSTOMER:

ACI MACHINE

CUSTOMER ORDER REF:

*33814-0 ACI MACHINE

DISTRIBUTOR:

REDEX ORDER REF:

218401

DESIGNATION:

DRP2.R1.31.4.S

SERIAL NUMBER:

908682

CODE:

RX135368-12

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:

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.

DRP

Performance sheet

RX183/005-B

Page2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN:

908682

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				
				G407								-				
	E	460	⁰ _{-0,05}	Cmm	459,99		O1	30	Cr	30		Ø	B		µm	
	G	560	^{+0,1} _{-0,1}	Cmm	560,075		P11	75	Cr	75		Ø	C		µm	
//	g	0,045		Cmm	0,005		M	210	^{+0,1} _{-0,1}	Cmm	210,005			D		Cr
//	t	0,045		Cmm	0,005		O2	30	Cr	30		Ø	S		Cr	
//	u	0,03		Cmm	0,005		P21	75	Cr	75		Ø	Y		Pg	
//	v	0,045		Cmm	0,005		P22	75	Cr	75						
	W	115		Cmm	115,03		Ø	T	M16	Pg	M16					
//	w	0,03		Cmm	0,002	OUTPUT PINION										
	X	115		Cmm	114,98	Pinion 1				G7334						
//	x	0,03		Cmm	0,005	Span dimension over 4 teeth										
	H	230	^{+0,025} _{-0,025}	Cmm	230,015		G1	44,27	⁰ _{-0,03}	Cmm	44,26					
//	h	0,02		Cmm	0,005		g1	0,022	Di	0,02						
	V1	298		Cmm	298,24	Pinion 2				G3713						
	L1	85		Cmm	84,92	Span dimension over 4 teeth										
	V2	298		Cmm	298,22		G2	44,27	⁰ _{-0,03}	Cmm	44,26					
	L2	85		Cmm	85,05		g2	0,022	Di	0,02						
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25,005	No-load input torque										
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25,005	Line				1 Nm						
	J1		/0	Di	0	Line 2				1 Nm						
	J2		/0	Di	0,02											
	J3		/0	Di	0,03											

Date:

23/07/2024

Visa:

C DE MIRANDA

Version:

A

Torsional stiffness (Nm/arcmin)

1

243,75

2

243,75

Radial stiffness (N/µm)

1

607

2

649

Noise level

@1600 rpm input (dB(A))

73,0