

DRP

Performance sheet

RX183/005-B

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CUSTOMER:

REDEX USA

CUSTOMER ORDER REF:

34099-00

DISTRIBUTOR:

ANDANTEX INCORPORATED

REDEX ORDER REF:

219173

DESIGNATION:

DRP4+R.91.4.H

SERIAL NUMBER:

908989

CODE:

RX129047-33

MOTOR FLANGE CODE:

RX129551-07

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:

18,1 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: 908989

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	
					G3476							43							H2225	
	E	640	⁰ _{-0,1}	Cmm	639,97		O1	43	Cr	43		Ø	B	180G7	^{+0,054} _{+0,014}	µm	180,05			
	G	800	^{+0,2} _{-0,2}	Cmm	800,132		P11	100	Cr	100		Ø	C	38F7	^{+0,050} _{+0,025}	µm	38,05			
//	g	0,05		Cmm	0,02		M	288	^{+0,1} _{-0,1}	Cmm	288,038		D	8		Cr	8,08			
//	t	0,05		Cmm	0,006		O2	43	Cr	43		Ø	S	215		Cr	215			
//	u	0,035		Cmm	0,008		P21	100	Cr	100		Ø	Y	M14		Pg	M14			
//	v	0,05		Cmm	0,008		P22	100	Cr	100										
	W	160		Cmm	159,984	Ø	T	M24	Pg	M24										
//	w	0,04		Cmm	0,006	OUTPUT PINION														
	X	160		Cmm	160,017	Pinion 1												G4376		
//	x	0,04		Cmm	0,007	Span dimension over 3 teeth														
	H	320	^{+0,04} _{-0,04}	Cmm	320,001		G1	46,9	⁰ _{-0,03}	Cmm								46,89		
//	h	0,02		Cmm	0,012	↗	g1	0,022		Di	0,01									
	V1	435		Cmm	435,092	Pinion 2					G4360									
	L1	120		Cmm	120,101	Span dimension over 3 teeth														
	V2	435		Cmm	435,098		G2	46,9	⁰ _{-0,03}	Cmm	46,89									
	L2	120		Cmm	120,069	↗	g2	0,022		Di	0,01									
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35,011	No-load input torque					Noise level									
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35,01						@1300 rpm input (dB(A))								70,0	
	J1	/0		Di	0	Line					2,1 Nm									
	J2	/0		Di	0,02	Line 2					2,2 Nm									
	J3	/0		Di	0,02															

Date: 08/10/2024

Visa: C DE MIRANDA

Version: A



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