

DRP

Performance sheet

RX183/005-B

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CUSTOMER:

FOSHAN FOWEI

CUSTOMER ORDER REF:

GCN004287 FOSHAN FOWEI

DISTRIBUTOR:

SHANGHAI GUDEL AUTOMATIO

REDEX ORDER REF:

213022

DESIGNATION:

DRP1+R.31.4.H

SERIAL NUMBER:

902210

CODE:

RX128461-12

MOTOR FLANGE CODE:

RX130963-01

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:	Following application
Maximum preload torque:	6,8 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:902210

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					
				A741								B4863					
	E	380	⁰ _{-0,05}	Cmm	379.975		O1	20	Cr	20		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114.324
	G	470	^{+0,1} _{-0,1}	Cmm	469.953		P11	65	Cr	65		Ø	C	35	^{+0,05} _{+0,025}	µm	35.04
//	g	0,04		Cmm	0.013		M	172	^{+0,1} _{-0,1}	Cmm	172.056		D	7		Cr	7.094
//	t	0,04		Cmm	0.009		O2	20	Cr	20		Ø	S	200		Cr	200
//	u	0,03		Cmm	0.006		P21	65	Cr	65		Ø	Y	M12		Pg	M12
//	v	0,04		Cmm	0.01		P22	65	Cr	65							
	W	95		Cmm	95.004		Ø	T	M12	Pg	M12						
//	w	0,03		Cmm	0.002		OUTPUT PINION										
	X	95		Cmm	95.004		Pinion 1				N2598						
//	x	0,03		Cmm	0.002		Span dimension over 3 teeth										
	H	190	^{+0,025} _{-0,025}	Cmm	190.008		G1	23,28	⁰ _{-0,03}	Cmm	23.275						
//	h	0,02		Cmm	0.007		g1	0,021		Di	0.015						
	V1	229		Cmm	229.29		Pinion 2				N2592						
	L1	70		Cmm	69.861		Span dimension over 3 teeth										
	V2	229		Cmm	229.156		G2	23,28	⁰ _{-0,03}	Cmm	23.275						
	L2	70		Cmm	70.046		g2	0,021		Di	0.02						
Ø	Q1	20	^{+0,009} _{-0,004}	Cmm	19.998		No-load input torque										
Ø	Q2	20	^{+0,009} _{-0,004}	Cmm	19.999		Line				0,2 Nm						
	J1		/0	µm	0		Line 2				0,2 Nm						
	J2		/0	µm	0.01												
	J3		/0	µm	0.02												

Date:07/09/2018

Visa:C DE MIRANDA

Version:A