

DRP

Performance sheet

RX183/005-B

Page1/2

CUSTOMER:

FOSHAN FOWEI

CUSTOMER ORDER REF:

GCN004288 FOSHAN FOWEI

DISTRIBUTOR:

SHANGHAI GUDEL AUTOMATIO

REDEX ORDER REF:

213021

DESIGNATION:

DRP1+R.31.4.H

SERIAL NUMBER:

902094

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.

DRP

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RX183/005-B

Page2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN:902094

General tolerance: Js13	Cmm	Automatic / manual coordinate-measuring machine	µm	Micrometer	Cr	Calliper rule	Di	Dial indicator	Pg	Plug gauge
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HOUSING				HOUSING				MOTOR FLANGE										
requirement				measure				requirement				measure						
				A738								B4861						
	E	380	⁰ _{-0,05}	Cmm	379.986			O1	20	Cr	20							
	G	470	^{+0,1} _{-0,1}	Cmm	470.014			P11	65	Cr	65		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114.329
								P12	65	Cr	65		Ø	C	35	^{+0,05} _{+0,025}	µm	35.045
//	g	0,04		Cmm	0.017			M	172	^{+0,1} _{-0,1}	Cmm	172.064			D	7	Cr	7.094
//	t	0,04		Cmm	0.004			O2	20	Cr	20		Ø	S	200	Cr	200	
//	u	0,03		Cmm	0.004			P21	65	Cr	65		Ø	Y	M12	Pg	M12	
//	v	0,04		Cmm	0.002			P22	65	Cr	65							
	W	95		Cmm	95.004			Ø	T	M12	Pg	M12						
//	w	0,03		Cmm	0.001			OUTPUT PINION										
	X	95		Cmm	95.005			Pinion 1				N2579						
//	x	0,03		Cmm	0.001			Span dimension over 3 teeth										
	H	190	^{+0,025} _{-0,025}	Cmm	190.009				G1	23,28	⁰ _{-0,03}	Cmm	23.265					
//	h	0,02		Cmm	0.007			↗	g1	0,021		Di	0.015					
	V1	229		Cmm	229.108			Pinion 2				N2583						
	L1	70		Cmm	69.852			Span dimension over 3 teeth										
	V2	229		Cmm	229.121				G2	23,28	⁰ _{-0,03}	Cmm	23.265					
	L2	70		Cmm	69.843			↗	g2	0,021		Di	0.015					
Ø	Q1	20	^{+0,009} _{-0,004}	Cmm	20.004			No-load input torque										
Ø	Q2	20	^{+0,009} _{-0,004}	Cmm	20.004			Line				0,3 Nm						
	J1		/0	µm	0			Line 2				0,3 Nm						
	J2		/0	µm	0.005													
	J3		/0	µm	0													

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	81,39
	2	81,39
Radial stiffness (N/µm)	1	340
	2	379

Noise level		
@1600 rpm input (dB(A))	72.0	

Date:19/07/2018

Visa:C DE MIRANDA

Version:A