

DRP

Performance sheet

RX183/005-B

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CUSTOMER: S&F

CUSTOMER ORDER REF: SFI260715

DISTRIBUTOR:

REDEX ORDER REF: 1004820

DESIGNATION: DRP3.R1.31.4.H

SERIAL NUMBER: 910859

CODE: RX135482-12

MOTOR FLANGE CODE: RX129474-04

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

41 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: 910859

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					
				K254								J6597					
	E	540	⁰ _{-0,1}	Cmm	539,976		O1	35	Cr	35		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114,33
	G	650	^{+0,2} _{-0,2}	Cmm	649,894		P11	80	Cr	80		Ø	C	35	^{+0,05} _{+0,025}	µm	35,05
//	g	0,045		Cmm	0,03		M	245	^{+0,1} _{-0,1}	Cmm	244,97		D	8		Cr	8
//	t	0,045		Cmm	0,006		O2	35	Cr	35		Ø	S	200		Cr	199,98
//	u	0,035		Cmm	0,013		P21	80	Cr	80		Ø	Y	M12		Pg	M12
//	v	0,045		Cmm	0,004		P22	80	Cr	80							
	W	135		Cmm	135,029		Ø	T	M20	Pg	M20						
//	w	0,035		Cmm	0,007		OUTPUT PINION										
	X	135		Cmm	135,005		Pinion 1				J7083						
//	x	0,035		Cmm	0,003		Span dimension over 3 teeth										
	H	270	^{+0,04} _{-0,04}	Cmm	270,034		G1	39,25	⁰ _{-0,03}	Cmm	39,237						
//	h	0,02		Cmm	0,02		g1	0,022		Di	0,02						
	V1	357		Cmm	357,119		Pinion 2				J7085						
	L1	101		Cmm	101,142		Span dimension over 3 teeth										
	V2	357		Cmm	357,122		G2	39,25	⁰ _{-0,03}	Cmm	39,236						
	L2	101		Cmm	101,102		g2	0,022		Di	0,012						
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,004		No-load input torque										
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	29,996		Line				2,5 Nm						
	J1		/0	Di	0,04		Line 2				3 Nm						
	J2		/0	Di	0,02												
	J3		/0	Di	0,02												

Date: 31/07/2026

Visa: C DE MIRANDA

Version: A

Noise level

@1600 rpm input (dB(A))

68,5

Line

Stiffness

1

473,03

2

473,03

1

1077,08

2

1036,58

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