

DRP

Performance sheet

RX183/005-B

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CUSTOMER:

SPARK

CUSTOMER ORDER REF:

RXCN2021060138_IO SPARK

DISTRIBUTOR:

REDEX SHANGHAI REPAIRING

REDEX ORDER REF:

216088

DESIGNATION:

DRP3+R.91.4.H

SERIAL NUMBER:

905712

CODE:

RX128771-33

MOTOR FLANGE CODE:

RX129474-03

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:	10 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: 905712

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					
				E771								D444					
	E	540	⁰ _{-0,1}	Cmm	539,96		O1	35	Cr	35		Ø	B	180	^{+0,054} _{+0,014}	µm	180,025
	G	650	^{+0,2} _{-0,2}	Cmm	649,963		P11	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05
//	g	0,045		Cmm	0,017		M	245	^{+0,1} _{-0,1}	Cmm	245		D	8		Cr	8,09
//	t	0,045		Cmm	0,005		O2	35	Cr	35		Ø	S	215		Cr	215
//	u	0,035		Cmm	0,014		P21	80	Cr	80		Ø	Y	M12		Pg	M12
//	v	0,045		Cmm	0,009		P22	80	Cr	80							
	W	135		Cmm	134,994		Ø	T	M20	Pg	M20						
//	w	0,035		Cmm	0,004		OUTPUT PINION										
	X	135		Cmm	135,003		Pinion 1				J2382						
//	x	0,035		Cmm	0,005		Span dimension over 3 teeth										
	H	270	^{+0,04} _{-0,04}	Cmm	269,997		G1	39,25	⁰ _{-0,03}	Cmm	39,235						
//	h	0,02		Cmm	0,011		g1	0,022		Di	0,01						
	V1	357		Cmm	357,106		Pinion 2				J2389						
	L1	101		Cmm	101,069		Span dimension over 3 teeth										
	V2	357		Cmm	357,069		G2	39,25	⁰ _{-0,03}	Cmm	39,23						
	L2	101		Cmm	101,184		g2	0,022		Di	0,02						
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,005		No-load input torque										
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,002		Line				0,9 Nm						
	J1		/0	Di	-0,02		Line 2				0,9 Nm						
	J2		/0	Di	-0,03												
	J3		/0	Di	-0,04												

Date: 03/12/2021

Version: A

Visa: C DE MIRANDA

Noise level		
@1600 rpm input (dB(A))		69,0



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