

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	SPARK	CUSTOMER ORDER REF: RXCN2020111056_IO SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 215546
DESIGNATION:	DRP3+R.61.4.H	SERIAL NUMBER: 904913
CODE:	RX128771-32	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:	Following application
Maximum preload torque:	14,1 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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DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 904913

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		
					D3220			O1	35	Cr	35					B4343			
	E	540 ^{0 -0,1}	Cmm	539,972		P11	80	Cr	80		Ø	B	114,3 ^{+0,047 +0,012}	µm	114,321				
	G	650 ^{+0,2 -0,2}	Cmm	650,021		P12	80	Cr	80		Ø	C	35 ^{+0,05 +0,025}	µm	35,025				
//	g	0,045	Cmm	0,02		M	245 ^{+0,1 -0,1}	Cmm	244,988			D	8	Cr	8				
//	t	0,045	Cmm	0,004		O2	35	Cr	35		Ø	S	200	Cr	200				
//	u	0,035	Cmm	0,006		P21	80	Cr	80		Ø	Y	M12	Pg	M12				
//	v	0,045	Cmm	0,003		P22	80	Cr	80										
	W	135	Cmm	135,007	Ø	T	M20	Pg	M20										
//	w	0,035	Cmm	0,001	OUTPUT PINION														
	X	135	Cmm	135,009	Pinion 1				K2466										
//	x	0,035	Cmm	0,003	Span dimension over 3 teeth														
	H	270 ^{+0,04 -0,04}	Cmm	270,016		G1	39,25 ^{0 -0,03}	Cmm	39,235										
//	h	0,02	Cmm	0,016	↗	g1	0,022	Di	0,01									Line	Stiffness
	V1	357	Cmm	357,14	Pinion 2											K2472			
	L1	101	Cmm	101,149	Span dimension over 3 teeth														
	V2	357	Cmm	357,15		G2	39,25 ^{0 -0,03}	Cmm	39,235										
	L2	101	Cmm	101,257	↗	g2	0,022	Di	0,01							Torsional stiffness (Nm/arcmin)		1	473,03
																2		473,03	
Ø	Q1	30 ^{+0,009 -0,004}	Cmm	30,009	No-load input torque														
Ø	Q2	30 ^{+0,009 -0,004}	Cmm	30,003												Radial stiffness (N/µm)		1	984
	J1	/0	Di	0,02												2		931	
	J2	/0	Di	0,03															
	J3	/0	Di	0,01															
																Noise level			
																@1600 rpm input (dB(A))			
										Line				0,8 Nm					
										Line 2				0,8 Nm					

Date: 20/01/2021

Visa: C DE MIRANDA

Version: A



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