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Performance sheet	RX183/005-B	1/2
CUSTOMER:	SPARK	CUSTOMER ORDER REF: RXCN2021060138_IO SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 216088
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 905713
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: 905713
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								
			E770										D454								
	E	540 ⁰ _{-0,1}	Cmm	539,988		O1	35	Cr	35		Ø	B	180 ^{+0,054} _{+0,014}	µm	180,035						
	G	650 ^{+0,2} _{-0,2}	Cmm	649,924		P11	80	Cr	80		Ø	C	38 ^{+0,05} _{+0,025}	µm	38,05						
//	g	0,045	Cmm	0,027		M	245 ^{+0,1} _{-0,1}	Cmm	244,9			D	8	Cr	8,08						
//	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	0,008		P22	80	Cr	80												
	W	135	Cmm	135,001		Ø	T	M20	Pg							M20					
//	w	0,035	Cmm	0,001	OUTPUT PINION																
	X	135	Cmm	135,007	Pinion 1				J2375												
//	x	0,035	Cmm	0,003	Span dimension over 3 teeth																
	H	270 ^{+0,04} _{-0,04}	Cmm	270,008		G1	39,25 ⁰ _{-0,03}	Cmm	39,235										Line	Stiffness	
//	h	0,02	Cmm	0,02		↗	g1	0,022	Di										0,015		
	V1	357	Cmm	357,03	Pinion 2											J2390		Torsional stiffness (Nm/arcmin)		1	473,03
	L1	101	Cmm	101,262	Span dimension over 3 teeth															2	473,03
	V2	357	Cmm	357,036		G2	39,25 ⁰ _{-0,03}	Cmm	39,23							Radial stiffness (N/µm)			1	930	
	L2	101	Cmm	101,251		↗	g2	0,022	Di	0,005	2	1017									
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30,009	No-load input torque					Noise level											
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,009	Line Line 2					@1600 rpm input (dB(A))		71,0									
	J1	/0	Di	-0,02																	
	J2	/0	Di	0																	
	J3	/0	Di	-0,015																	

Date: 07/12/2021

Visa: P VASLIER

Version: A



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