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CUSTOMER:	SPARK	CUSTOMER ORDER REF: RXCN2021022306_IO SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 215796
DESIGNATION:	DRP3+R.61.4.H	SERIAL NUMBER: 905228
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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EXTERNAL DIMENSIONS & INTERFACES:		SN: 905228

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	
					D2719														B4365	
	E	540	⁰ _{-0,1}	Cmm	539,982		O1	35	Cr	35		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114,32			
	G	650	^{+0,2} _{-0,2}	Cmm	650,013		P11	80	Cr	80		Ø	C	35	^{+0,05} _{+0,025}	µm	35,04			
//	g	0,045		Cmm	0,011		M	245	^{+0,1} _{-0,1}	Cmm	244,991		D	8		Cr	8			
//	t	0,045		Cmm	0,003		O2	35	Cr	35		Ø	S	200		Cr	200			
//	u	0,035		Cmm	0,008		P21	80	Cr	80		Ø	Y	M12		Pg	M12			
//	v	0,045		Cmm	0,005		P22	80	Cr	80										
	W	135		Cmm	135,006	Ø	T	M20	Pg	M20										
//	w	0,035		Cmm	0,002	OUTPUT PINION														
	X	135		Cmm	135,009	Pinion 1					J209									
//	x	0,035		Cmm	0,005	Span dimension over 3 teeth														
	H	270	^{+0,04} _{-0,04}	Cmm	270,014		G1	39,25	⁰ _{-0,03}	Cmm	39,23									
//	h	0,02		Cmm	0,02	↗	g1	0,022	Di	0,02										
	V1	357		Cmm	357,147	Pinion 2					J1153									
	L1	101		Cmm	101,191	Span dimension over 3 teeth														
	V2	357		Cmm	357,101		G2	39,25	⁰ _{-0,03}	Cmm	39,235								Torsional stiffness (Nm/arcmin)	
	L2	101		Cmm	101,172		↗	g2	0,022	Di	0,01	Radial stiffness (N/µm)		1	955					
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,007								2	1140						
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,005	No-load input torque					Noise level									
	J1	/0	/0	Di	0,01	Line					0,9 Nm		@1600 rpm input (dB(A))				71,5			
	J2	/0	/0	Di	0,04	Line 2					0,9 Nm									
	J3	/0	/0	Di	0,04															

Date: 17/06/2021

Visa: C DE MIRANDA

Version: A



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