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CUSTOMER:	SPARK	CUSTOMER ORDER REF: RXCN2020052925_IO SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 215204
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 904593
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: 904593

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	
						C5575								B8713					
	E	540	⁰ _{-0,1}	Cmm	539,965			O1	35	Cr	35								
	G	650	^{+0,2} _{-0,2}	Cmm	650,004			P11	80	Cr	80		Ø	B	180	^{+0,054} _{+0,014}	µm	180,023	
//	g	0,045		Cmm	0,013			P12	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05	
//	t	0,045		Cmm	0,002			M	245	^{+0,1} _{-0,1}	Cmm	245,013		D	8		Cr	8,09	
//	u	0,035		Cmm	0,01			O2	35	Cr	35		Ø	S	215		Cr	215	
//	v	0,045		Cmm	0,007			P21	80	Cr	80		Ø	Y	M12		Pg	M12	
	W	135		Cmm	134,991		Ø	T	M20	Pg	M20								
//	w	0,035		Cmm	0,002	OUTPUT PINION													
	X	135		Cmm	134,99	Pinion 1				K150									
//	x	0,035		Cmm	0,007	Span dimension over 3 teeth													
	H	270	^{+0,04} _{-0,04}	Cmm	269,981														
//	h	0,02		Cmm	0,02		↗	G1	39,25	⁰ _{-0,03}	Cmm	39,235			Line	Stiffness			
	V1	357		Cmm	357,178			g1	0,022	Di	0,015								
	L1	101		Cmm	101,157	Pinion 2				K132		Torsional stiffness (Nm/arcmin)		1	473,03				
	V2	357		Cmm	357,196	Span dimension over 3 teeth								2	473,03				
	L2	101		Cmm	101,1			G2	39,25	⁰ _{-0,03}	Cmm	39,235	Radial stiffness (N/µm)		1	1167			
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,004		↗	g2	0,022	Di	0,02	2			1121				
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,004	No-load input torque						Noise level							
	J1	/0	Di	-0,03	Line Line 2						@1600 rpm input (dB(A))				70,5				
	J2	/0	Di	-0,02															
	J3	/0	Di	-0,04															

Date: 04/09/2020

Visa: C DE MIRANDA

Version: A



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