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CUSTOMER:	SPARK	CUSTOMER ORDER REF: *RXCN202011201_IO SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 215665
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 905060
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: 905060

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	
					D917							35						D440	
	E	540	⁰ _{-0,1}	Cmm	539,998		P11	80	Cr	80		Ø	B	180	^{+0,054} _{+0,014}	µm	180,025		
	G	650	^{+0,2} _{-0,2}	Cmm	650,051		P12	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05		
//	g	0,045		Cmm	0,013		M	245	^{+0,1} _{-0,1}	Cmm	245,007		D	8		Cr	8,08		
//	t	0,045		Cmm	0,004		O2	35	Cr	35		Ø	S	215		Cr	215		
//	u	0,035		Cmm	0,009		P21	80	Cr	80		Ø	Y	M12		Pg	M12		
//	v	0,045		Cmm	0,004		P22	80	Cr	80									
	W	135		Cmm	135,02	Ø	T	M20	Pg	M20									
//	w	0,035		Cmm	0,008	OUTPUT PINION													
	X	135		Cmm	134,988	Pinion 1												J192	
//	x	0,035		Cmm	0,008	Span dimension over 3 teeth													
	H	270	^{+0,04} _{-0,04}	Cmm	270,007		G1	39,25	⁰ _{-0,03}	Cmm	39,235								
//	h	0,02		Cmm	0,009	↗	g1	0,022	Di	0,01									
	V1	357		Cmm	357,221	Pinion 2					J186								
	L1	101		Cmm	101,217	Span dimension over 3 teeth													
	V2	357		Cmm	357,203		G2	39,25	⁰ _{-0,03}	Cmm	39,24								
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,009	↗	g2	0,022	Di	0,02	Torsional stiffness (Nm/arcmin)		1	473,03					
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,005	No-load input torque					Radial stiffness (N/µm)		2	473,03					
	J1	/0	Di	0,01	Line					0,8 Nm		Noise level							
	J2	/0	Di	0	Line 2					0,8 Nm		@1600 rpm input (dB(A))		70,0					
	J3	/0	Di	-0,02															

Date: 19/04/2021

Visa: C DE MIRANDA

Version: A



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