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CUSTOMER:	SPARK	CUSTOMER ORDER REF: RXCN20210318035_IO SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 215911
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 905360
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: 905360

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					
					D2237							O1		35	Cr	35							D446	
	E	540	⁰ _{-0,1}	Cmm	540			P11	80	Cr	80		Ø	B	180	^{+0,054} _{+0,014}	µm	180,025						
	G	650	^{+0,2} _{-0,2}	Cmm	650,018			P12	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05						
//	g	0,045		Cmm	0,017			M	245	^{+0,1} _{-0,1}	Cmm	244,982		D	8		Cr	8,09						
//	t	0,045		Cmm	0,005			O2	35	Cr	35		Ø	S	215		Cr	215						
//	u	0,035		Cmm	0,012			P21	80	Cr	80		Ø	Y	M12		Pg	M12						
//	v	0,045		Cmm	0,006			P22	80	Cr	80													
	W	135		Cmm	134,997		Ø	T	M20	Pg	M20													
//	w	0,035		Cmm	0,004	OUTPUT PINION																		
	X	135		Cmm	135,013	Pinion 1					J1154													
//	x	0,035		Cmm	0,008	Span dimension over 3 teeth																		
	H	270	^{+0,04} _{-0,04}	Cmm	270,01			G1	39,25	⁰ _{-0,03}	Cmm	39,23												
//	h	0,02		Cmm	0,02		↗	g1	0,022	Di	0,015													
	V1	357		Cmm	357,165	Pinion 2					J1163													
	L1	101		Cmm	101,209	Span dimension over 3 teeth																		
	V2	357		Cmm	357,156			G2	39,25	⁰ _{-0,03}	Cmm	39,23												
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,008		↗	g2	0,022	Di	0,02													
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30	No-load input torque																		
	J1	/0	Di	-0,01	Line					1 Nm														
	J2	/0	Di	-0,03	Line 2					1 Nm														
	J3	/0	Di	-0,01																				
Noise level																								
@1600 rpm input (dB(A))																	70,5							

Date: 06/07/2021

Visa: C DE MIRANDA

Version: A



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