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CUSTOMER:	SPARK	CUSTOMER ORDER REF: RXCN2021022507 SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 215802
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 905229
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.



1, Rue Paul De Fontenay
F- 45210 FERRIERES
www.redex-group.com

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex-group.com

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 905229

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	
					D2715														D1443	
	E	540	⁰ _{-0,1}	Cmm	539,985		O1	35	Cr	35		Ø	B	180	^{+0,054} _{+0,014}	µm	180,035			
	G	650	^{+0,2} _{-0,2}	Cmm	650,02		P11	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05			
//	g	0,045		Cmm	0,016		M	245	^{+0,1} _{-0,1}	Cmm	245,006		D	8		Cr	8,09			
//	t	0,045		Cmm	0,009		O2	35	Cr	35		Ø	S	215		Cr	215			
//	u	0,035		Cmm	0,015		P21	80	Cr	80		Ø	Y	M12		Pg	M12			
//	v	0,045		Cmm	0,006		P22	80	Cr	80										
	W	135		Cmm	135,006	Ø	T	M20	Pg	M20										
//	w	0,035		Cmm	0,003	OUTPUT PINION														
	X	135		Cmm	135,006	Pinion 1					J217									
//	x	0,035		Cmm	0,005	Span dimension over 3 teeth														
	H	270	^{+0,04} _{-0,04}	Cmm	270,012		G1	39,25	⁰ _{-0,03}	Cmm	39,23									
//	h	0,02		Cmm	0,02	↗	g1	0,022	Di	0,015										
	V1	357		Cmm	357,133	Pinion 2					J211									
	L1	101		Cmm	101,157	Span dimension over 3 teeth														
	V2	357		Cmm	357,157		G2	39,25	⁰ _{-0,03}	Cmm	39,235									
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,007	↗	g2	0,022	Di	0,01	Torsional stiffness (Nm/arcmin)		1	473,03						
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,003						Radial stiffness (N/µm)		2	473,03						
	J1	/0	Di	-0,02	No-load input torque							1		1080						
	J2	/0	Di	0								2		1115						
	J3	/0	Di	-0,05								Noise level								
					Line					0,8 Nm		@1600 rpm input (dB(A))			69,5					
					Line 2					0,8 Nm										

Date: 15/06/2021

Visa: C DE MIRANDA

Version: A



1, Rue Paul De Fontenay
F- 45210 FERRIERES
www.redex-group.com

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex-group.com