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CUSTOMER:	SPARK	CUSTOMER ORDER REF: GCN003790 SPARK
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATIO	REDEX ORDER REF: 212750
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 901693
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: 901693

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	
					B854					35						A4401	
	E	540 ⁰ _{-0,1}	Cmm	539.948		O1	35	Cr	35		Ø	B	180 ^{+0,054} _{+0,014}	µm	180.03		
	G	650 ^{+0,2} _{-0,2}	Cmm	650.013		P12	80	Cr	80		Ø	C	38 ^{+0,05} _{+0,025}	µm	38.04		
//	g	0,045	Cmm	0.012		M	245 ^{+0,1} _{-0,1}	Cmm	244.996			D	8	Cr	8.085		
//	t	0,045	Cmm	0.011		O2	35	Cr	35		Ø	S	215	Cr	215		
//	u	0,035	Cmm	0.016		P21	80	Cr	80		Ø	Y	M12	Pg	M12		
//	v	0,045	Cmm	0.004		P22	80	Cr	80								
	W	135	Cmm	135.033	Ø	T	M20	Pg	M20								
//	w	0,035	Cmm	0.012	OUTPUT PINION												
	X	135	Cmm	134.981	Pinion 1				N2610								
//	x	0,035	Cmm	0.01	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	0.011	↗	g1	0,022	Di	0.01								
	V1	357	Cmm	357.181	Pinion 2					N2463		Torsional stiffness (Nm/arcmin)		1	473,03		
	L1	101	Cmm	101.098	Span dimension over 3 teeth					N2463				2	473,03		
	V2	357	Cmm	357.174	Span dimension over 3 teeth							Radial stiffness (N/µm)		1	941		
	L2	101	Cmm	101.121		G2	39,25 ⁰ _{-0,03}	Cmm	39.235					2	961		
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30.009	↗	g2	0,022	Di	0.01								
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30.008	No-load input torque												
	J1	/0	µm	0	Line					0,5 Nm		@1600 rpm input (dB(A))				74.0	
	J2	/0	µm	0.02	Line 2					0,5 Nm							
	J3	/0	µm	0.03													

Date: 04/05/2018 Visa: C DE MIRANDA

Version: A