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CUSTOMER:	SPARK	CUSTOMER ORDER REF: GCN3301-005130 SPARK
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATIO	REDEX ORDER REF: 214280
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 903670
CODE:	RX128771-33	MOTOR FLANGE CODE: RX129474-04

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: 903670

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	
						B7638						35						B4339	
	E	540	⁰ _{-0,1}	Cmm	539,983		O1	35	Cr	35			Ø	B	114,3	^{+0,047} _{+0,012}	µm	114,33	
	G	650	^{+0,2} _{-0,2}	Cmm	650,152		P11	80	Cr	80			Ø	C	35	^{+0,05} _{+0,025}	µm	35,05	
//	g	0,045		Cmm	0,014		M	245	^{+0,1} _{-0,1}	Cmm	245,006			D	8		Cr	8	
//	t	0,045		Cmm	0,003		O2	35	Cr	35			Ø	S	200		Cr	200	
//	u	0,035		Cmm	0,007		P21	80	Cr	80			Ø	Y	M12		Pg	M12	
//	v	0,045		Cmm	0,004		P22	80	Cr	80									
	W	135		Cmm	135,013	Ø	T	M20	Pg	M20									
//	w	0,035		Cmm	0,004	OUTPUT PINION													
	X	135		Cmm	135,01	Pinion 1				L363									
//	x	0,035		Cmm	0,002	Span dimension over 3 teeth													
	H	270	^{+0,04} _{-0,04}	Cmm	270,023		G1	39,25	⁰ _{-0,03}	Cmm	39,235					Line		Stiffness	
//	h	0,02		Cmm	0,015	↗	g1	0,022	Di	0,015									
	V1	357		Cmm	357,273						Torsional stiffness (Nm/arcmin)		1	473,03					
	L1	101		Cmm	101,041	Pinion 2							M2487	2	473,03				
	V2	357		Cmm	357,211	Span dimension over 3 teeth					Radial stiffness (N/µm)		1	889					
	L2	101		Cmm	101,083		G2	39,25	⁰ _{-0,03}	Cmm			39,225	2	1083				
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,005	↗	g2	0,022	Di	0,01									
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,006	No-load input torque													
	J1	/0		µm	0,02	Line					1 Nm		@1600 rpm input (dB(A))				69,5		
	J2	/0		µm	0,02	Line 2					1 Nm								
	J3	/0		µm	0,03														

Date: 19/09/2019

Visa: C DE MIRANDA

Version: A