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CUSTOMER:	SPARK MACHINERY	CUSTOMER ORDER REF: GCN002767 SPARK MACHINERY
DISTRIBUTOR:	SHANGHAI Gudel Automation	REDEX ORDER REF: 212144
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 900924
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:

⁽¹⁾Accepted according to Redex derogation RX9673

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 900924

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		
					A4963						35						A4395		
	E	540	⁰ _{-0,1}	Cmm	539,975		O1	35	Cr	35		Ø	B	180	^{+0,054} _{+0,014}	µm	180,029		
	G	650	^{+0,2} _{-0,2}	Cmm	650,021		P11	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05		
//	g	0,045		Cmm	0,014		M	245	^{+0,1} _{-0,1}	Cmm	244,872 ⁽¹⁾		D	8		Cr	8,084		
//	t	0,045		Cmm	0,002		O2	35	Cr	35		Ø	S	215		Cr	215		
//	u	0,035		Cmm	0,008		P21	80	Cr	80		Ø	Y	M12		Pg	M12		
//	v	0,045		Cmm	0,006		P22	80	Cr	80									
	W	135		Cmm	134,99	Ø	T	M20	Pg	M20									
//	w	0,035		Cmm	0,002	OUTPUT PINION													
	X	135		Cmm	134,999	Pinion 1												N1547	
//	x	0,035		Cmm	0,001	Span dimension over 3 teeth													
	H	270	^{+0,04} _{-0,04}	Cmm	269,99		G1	39,25	⁰ _{-0,03}	Cmm	39,23								
//	h	0,02		Cmm	0,01	↗	g1	0,022		Di	0,01								
	V1	357		Cmm	357,033	Pinion 2					N1540								
	L1	101		Cmm	101,206	Span dimension over 3 teeth													
	V2	357		Cmm	356,877		G2	39,25	⁰ _{-0,03}	Cmm	39,23								
	L2	101		Cmm	101,199	↗	g2	0,022		Di	0,005								
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,007	No-load input torque													
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30	Line					0,6 Nm								
	J1	/0		µm	0,01	Line 2					0,6 Nm								
	J2	/0		µm	0,03														
	J3	/0		µm	0,03								Noise level						
												@1600 rpm input (dB(A))				74,0			

Date: 06/12/2017

Visa: C DE MIRANDA

Version: A

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