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CUSTOMER:	ZMM-SLIVEN CO	CUSTOMER ORDER REF: OFFER 17022 ZMM SLIVEN
DISTRIBUTOR:		REDEX ORDER REF: 214800
DESIGNATION:	DRP2+R.31.4.H	SERIAL NUMBER: 904161
CODE:	RX128950-12	MOTOR FLANGE CODE: RX129627-01

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:	18,7 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: 904161

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				
					B11707							30						C4173				
	E	460	⁰ _{-0,05}	Cmm	459,979		P11	75	Cr	75		Ø	B	180	^{+0,054} _{+0,014}	µm	180,014					
	G	560	^{+0,1} _{-0,1}	Cmm	560,011		P12	75	Cr	75		Ø	C	38	^{+0,05} _{+0,025}	µm	38,04					
//	g	0,045		Cmm	0,008		M	210	^{+0,1} _{-0,1}	Cmm	210,024		D	8		Cr	8,085					
//	t	0,045		Cmm	0,001		O2	30	Cr	30		Ø	S	215		Cr	215					
//	u	0,03		Cmm	0,002		P21	75	Cr	75		Ø	Y	M12		Pg	M12					
//	v	0,045		Cmm	0,001		P22	75	Cr	75												
	W	115		Cmm	114,989	Ø	T	M16	Pg	M16												
//	w	0,03		Cmm	0,004	OUTPUT PINION																
	X	115		Cmm	115,009	Pinion 1												L3749				
//	x	0,03		Cmm	0,004	Span dimension over 4 teeth																
	H	230	^{+0,025} _{-0,025}	Cmm	229,998		G1	44,27	⁰ _{-0,03}	Cmm	44,26											
//	h	0,02		Cmm	0,01	↗	g1	0,022	Di	0,01	Line							Stiffness				
	V1	298		Cmm	298,094	Pinion 2					L3761							Torsional stiffness (Nm/arcmin)		1	243,75	
	L1	85		Cmm	84,994	Span dimension over 4 teeth					L3761							2		243,75		
	V2	298		Cmm	298,288	No-load input torque					L3761							Radial stiffness (N/µm)		1	639	
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25,001	↗	G2	44,27	⁰ _{-0,03}	Cmm	44,255	2		558								
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25,002	No-load input torque					L3761		Noise level									
	J1	/0		µm	0,015	Line					0,7 Nm		@1600 rpm input (dB(A))				64,5					
	J2	/0		µm	0,02	Line 2					0,7 Nm											
	J3	/0		µm	0,02																	

Date:	25/02/2020	Visa:	C DE MIRANDA
Version:	A		