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CUSTOMER:	REDEX USA	CUSTOMER ORDER REF: 34099-00
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF: 219173
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER: 908993
CODE:	RX129047-33	MOTOR FLANGE CODE: RX129551-07

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:	18,1 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: 908993

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				
					G4760							43							H2223				
	E	640	⁰ _{-0,1}	Cmm	639,931		O1	43	Cr	43		Ø	B	180G7	^{+0,054} _{+0,014}	µm	180,04						
	G	800	^{+0,2} _{-0,2}	Cmm	800,169		P11	100	Cr	100		Ø	C	38F7	^{+0,050} _{+0,025}	µm	38,05						
//	g	0,05		Cmm	0,05		M	288	^{+0,1} _{-0,1}	Cmm	288,036		D	8		Cr	8,08						
//	t	0,05		Cmm	0,005		O2	43	Cr	43		Ø	S	215		Cr	215						
//	u	0,035		Cmm	0,004		P21	100	Cr	100		Ø	Y	M14		Pg	M14						
//	v	0,05		Cmm	0,003		P22	100	Cr	100													
	W	160		Cmm	160,023	Ø	T	M24	Pg	M24													
//	w	0,04		Cmm	0,002	OUTPUT PINION																	
	X	160		Cmm	159,994	Pinion 1												G4368					
//	x	0,04		Cmm	0,005	Span dimension over 3 teeth																	
	H	320	^{+0,04} _{-0,04}	Cmm	320,018		G1	46,9	⁰ _{-0,03}	Cmm								46,89					
//	h	0,02		Cmm	0,016	↗	g1	0,022		Di								0,01			Line	Stiffness	
	V1	435		Cmm	435,105	Pinion 2												G4359		Torsional stiffness (Nm/arcmin)		1	745,99
	L1	120		Cmm	120,087	Span dimension over 3 teeth														Radial stiffness (N/µm)		2	745,99
	V2	435		Cmm	435,141		G2	46,9	⁰ _{-0,03}	Cmm								46,88			1	1236	
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35,01	↗	g2	0,022		Di	0,01			2	1300								
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35,01	No-load input torque					Noise level												
	J1	/0		Di	0,01	Line					2,8 Nm		@1300 rpm input (dB(A))			71,0							
	J2	/0		Di	0,01	Line 2					2,8 Nm												
	J3	/0		Di	0,01																		

Date: 14/11/2024 Visa: C DE MIRANDA

Version: A