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CUSTOMER:	MACHINE TOOL	CUSTOMER ORDER REF: 24589 MACHINE TOOL
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF: 209628
DESIGNATION:	DRP5+R.91.4.S	SERIAL NUMBER: 897560
CODE:	RX129593-33	MOTOR FLANGE CODE: RX128067-13

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:

34,2 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: 897560

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					
		L1122				O1		50		Cr				G8102					
	E	720	⁰ _{-0,15}	Cmm	719,968		P11	105		Cr		∅		B	250	^{+0,061} _{+0,015}	µm	250,02	
	G	920	^{+0,3} _{-0,3}	Cmm	920,147		P12	105		Cr		∅		C	T55		µm	55	
//	g	0,055		Cmm	0,024		M	320	^{+0,1} _{-0,1}	Cmm	320,014		D	8		Cr		7,99	
//	t	0,055		Cmm	0,003		O2	50		Cr		∅		S	300		Cr		300
//	u	0,04		Cmm	0,008		P21	105		Cr		∅		Y	M16		Pg		M16
//	v	0,055		Cmm	0,001		P22	105		Cr									
	W	180		Cmm	180,01	∅	T	M30		Pg									
//	w	0,05		Cmm	0,002														
	X	180		Cmm	179,994														
//	x	0,05		Cmm	0,002														
	H	360	^{+0,045} _{-0,045}	Cmm	360,004														
//	h	0,03		Cmm	0,008														
	V1	512		Cmm	512,324														
	L1	157		Cmm	157,452														
	V2	512		Cmm	512,186														
	L2	157		Cmm	157,223														
∅	Q1	45	^{+0,011} _{-0,005}	Cmm	44,996														
∅	Q2	45	^{+0,011} _{-0,005}	Cmm	45,002														
	J1		/0	µm	-0,01														
	J2		/0	µm	-0,01														
	J3		/0	µm	-0,04														
						OUTPUT PINION													
						Pinion 1				R1928									
						Span dimension over 3 teeth													
						↗		G1	62,54	⁰ _{-0,05}	Cmm	62,51							
						↗		g1	0,03	Di		0,02							
						Pinion 2				R1926									
						Span dimension over 3 teeth													
						↗		G2	62,54	⁰ _{-0,05}	Cmm	62,51							
						↗		g2	0,03	Di		0,02							
						No-load input torque													
						Line				2,3 Nm									
						Line 2				2,7 Nm									