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CUSTOMER:	REDEX SHANGHAI	CUSTOMER ORDER REF:
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF:
DESIGNATION:	DRP3.R1.91.4.H	SERIAL NUMBER:
CODE:	RX135482-33	MOTOR FLANGE CODE:

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:	14 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: 910667

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						
						J5251						O1		35						J2799				
	E	540	⁰ _{-0,1}	Cmm	539,944			P11	80	Cr	80		Ø	B	180	^{+0,054} _{+0,014}	µm	180,023						
	G	650	^{+0,2} _{-0,2}	Cmm	649,897			P12	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,04						
//	g	0,045		Cmm	0,03			M	245	^{+0,1} _{-0,1}	Cmm	245,048		D	8		Cr	8,091						
//	t	0,045		Cmm	0,004			O2	35	Cr	35		Ø	S	215		Cr	215,017						
//	u	0,035		Cmm	0,003			P21	80	Cr	80		Ø	Y	M12		Pg	M12						
//	v	0,045		Cmm	0,003			P22	80	Cr	80													
	W	135		Cmm	134,993		Ø	T	M20	Pg	M20													
//	w	0,035		Cmm	0,007	OUTPUT PINION																		
	X	135		Cmm	135,026	Pinion 1				H5250														
//	x	0,035		Cmm	0,006	Span dimension over 3 teeth																		
	H	270	^{+0,04} _{-0,04}	Cmm	270,018		G1	39,25	⁰ _{-0,03}	Cmm	39,23													
//	h	0,02		Cmm	0,013		↗	g1	0,022	Di	0,02										Line	Stiffness		
	V1	357		Cmm	357,139														Torsional stiffness (Nm/arcmin)		1	473,03		
	L1	101		Cmm	101,181																2	473,03		
	V2	357		Cmm	357,074	Span dimension over 3 teeth													Radial stiffness (N/µm)		1	1075,84		
	L2	101		Cmm	101,128		G2	39,25	⁰ _{-0,03}	Cmm	39,235										2	1072,82		
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,007		↗	g2	0,022	Di	0,02													
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,009	No-load input torque													Noise level					
	J1	/0		Di	0														@1600 rpm input (dB(A))		69,5			
	J2	/0		Di	0,03	Line																		
	J3	/0		Di	0,04	Line 2																		

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Version: A

Visa: C DE MIRANDA



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