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CUSTOMER:	AXA Maschinenbau	CUSTOMER ORDER REF: 2016945 AXA
DISTRIBUTOR:	REDEX GmbH	REDEX ORDER REF: 211068
DESIGNATION:	DRP3+R.31.4.H	SERIAL NUMBER: 897773
CODE:	RX128771-12	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:	36,3 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: 897773

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						
						K4618						O1		35		Cr	35						L3858	
	E	540	⁰ _{-0,1}	Cmm	539,984		P11	80	Cr	80		Ø	B	180	^{+0,054} _{+0,014}	µm	180,027							
	G	650	^{+0,2} _{-0,2}	Cmm	650,192		P12	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05							
//	g	0,045		Cmm	0,021		M	245	^{+0,1} _{-0,1}	Cmm	244,973		D	8		Cr	8,09							
//	t	0,045		Cmm	0,004		O2	35	Cr	35		Ø	S	215		Cr	215							
//	u	0,035		Cmm	0,009		P21	80	Cr	80		Ø	Y	M12		Pg	M12							
//	v	0,045		Cmm	0,004		P22	80	Cr	80		requirement				measure								
	W	135		Cmm	134,988		Ø	T	M20	Pg	M20						L3843							
//	w	0,035		Cmm	0,001	OUTPUT PINION						Ø	B	180	^{+0,054} _{+0,014}	µm	180,034							
	X	135		Cmm	135,002	Pinion 1				Q0712				Ø	C	38	^{+0,05} _{+0,025}	µm	38,04					
//	x	0,035		Cmm	0,003	Span dimension over 3 teeth							D	8		Cr	8,085							
	H	270	^{+0,04} _{-0,04}	Cmm	269,99		G1	39,25	⁰ _{-0,03}	Cmm	39,235	Ø	S	215		Cr	215							
//	h	0,02		Cmm	0,018		↗	g1	0,022	Di	0,005	Ø	Y	M12		Pg	M12							
	V1	357		Cmm	357,162					Pinion 2				Q0718				Torsional stiffness (Nm/arcmin)		1	473,03			
	L1	101		Cmm	101,109					Span dimension over 3 teeth				Radial stiffness (N/µm)		2	473,03							
	V2	357		Cmm	357,101		G2	39,25	⁰ _{-0,03}	Cmm	39,235		1	926										
	L2	101		Cmm	101,127		↗	g2	0,022	Di	0,01		2	901										
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,001	No-load input torque						Noise level												
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,002	Line				1,2 Nm				@1600 rpm input (dB(A))				71,5						
	J1		/0	µm	0	Line 2				1,3 Nm														
	J2		/0	µm	0,02																			
	J3		/0	µm	0,02																			

Date: 23/09/2016 Visa: J ONGANER

Version: