



output shaft bearing: grooved ball bearing 2RS

- max. radial load: 6500N by $n_2=100$ 1/min $L_h > 10.000h$
- max. axial load: 6000N by $n_2=100$ 1/min $L_h > 10.000h$
- reference to shaft center at temp. = 30°C

straight-toothed planetary gearbox

backlash at output shaft:

≤ 8 arcmin; reduced ≤ 6 arcmin

lifetime: > 30.000h

efficiency: by rated load 94% (depends on ratio)

lubrication: lifetime-lubrication

nominal output torque at $n_1 = 3000$ 1/min

operating temperature: -20°C bis +90°C

motor mounting: M2 (stocked driving pinion)

- torque of clamping screw: 35 Nm
- operation mode: S1
- operation ratio: CB1
- protection system IP 54

$i =$	3	4	5	7	10
nominal output torque [Nm]	230	310	310	310	180
max. acceleration torque [Nm]	360	460	460	460	340
emergency torque [Nm]	860	1000	1000	1000	800

consider mounting instruction
subject to modifications

Zust.	Anderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch:	Blatt 1
							1 Bl.
Verwendungsbereich				Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohrteil-Nr) (Modell- oder Gesenk-Nr)	(Gewicht)
			Datum	Bearb. 23.09.17	Name BITZER		
			Gepr.				
			Norm				
			Tolerierung	ISO 8015			
				EISELE Antriebstechnik		EPL 150/1 35x80	
						pd114,3 bc200 4xM12 sq170	
						DS1500411-1	