

output shaft bearing: grooved ball bearing 2RS

- max. radial load: 2600N by $n_2=100$ 1/min $L_h > 10.000h$
- max. axial load: 1000N 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: 20 Nm
- operation mode: S1
operation ratio: CB1
protection system IP 54

	i =							
nominal output torque [Nm]	3	4	5	7	10			
max. acceleration torque [Nm]	100	120	120	120	105			
emergency torque [Nm]	180	200	200	200	180			
	200	480	480	480	410			

consider mounting instruction
subject to modifications

Zust.	Änderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch:
Verwendungsbereich				Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr.) (Modell- oder Gesenk-Nr.)
			Datum	Bearb. 26.09.16	Name BITZER	
			Gepr.	Norm		
				Tolerierung ISO 8015		
						
				<p>EP L 118/1 24x50</p> <p>pd95 bc115 4xø9 ø14.0</p>		
				<p>DS1180404-1</p>		Blatt 1
						1 Bl.