



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

Zust.		Änderung		Datum		Name		Ursprung:		Ersatz für:		Ersatz durch:	
Verwendungsbereich		Allgemein-toleranzen ISO 2768-mH		Datum		Kanten ISO 13715		Maßstab		(Gewicht)			
		ISO 2768-mH		08.08.16		BITZER		(Werkstoff, Halbzeug) (Rohteil-Nr)					
		Bearb. 08.08.16		Gepr.		Norm		(Modell- oder Gesenk-Nr)					
		Tolerierung ISO 8015											
										EPL 118/1 19x40			
										pdd80 bc100 4xø7 ø118			
										DS1180402-1		Blatt 1	
												1 Bl.	

consider mounting instruction  
subject to modifications

