



- 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 (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)				(Gewicht)	
		Bearb. 08.08.16		Name		BITZER		EPL 118/1 19x40					
		Gepr. Norm						pd95 b c115 4xM10 sq140					
		Tolerierung ISO 8015						DS1180438-1					
												Blatt 1	
												1 Bl.	

consider mounting instruction
subject to modifications

