

- 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: 11 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

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)	(Gewicht)
			Datum	Name	EPL 118/1 14x30	
			Bearb. 13.09.16	BITZER	pd/0 bc85 4xø7 ø118	
			Gepr.			
			Norm			
			Tolerierung ISO 8015			
					DS1180406-1	
					Blaht 1	1 Bl.