



- output shaft bearing: grooved ball bearing 2RS
- max. radial load: 1300N by  $n_2=100$  1/min  $L_h > 10.000h$
  - max. axial load: 500N 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:
- $\leq 10$  arcmin; reduced  $\leq 6$  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: 6 Nm
- operation mode: S1
- operation ratio: CB1
- protection system IP 54

$i =$	3	4	5	7	10
nominal output torque [Nm]	40	54	54	54	40
max. acceleration torque [Nm]	70	100	100	100	75
emergency torque [Nm]	160	216	216	216	160

consider mounting instruction  
subject to modifications

Zust.	Änderung	Datum	Name	Ursprung:	Eiselle Antriebstechnik	Ersatz für:	Ersatz durch:	Blatt	1
Verwendungsbereich					Allgemein-toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)	(Gewicht)	
Datum					Bearb. 08.06.16	Name BITZER	EPL 84/1 14X30	pd70 bc85 4xø7 sq90	DS0840424-1
Norm					Gepr.				
Tolerierung ISO 8015									