



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:

$\leq 12$  arcmin; reduced  $\leq 8$  arcmin

lifetime:  $> 30.000h$

efficiency: by rated load 92% (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

$i =$	12	16	20	25	35	40	50	70	100
nominal output torque [Nm]	170	210	210	210	210	210	210	210	165
max. acceleration torque [Nm]	215	255	255	255	255	255	255	255	180
emergency torque [Nm]	400	480	480	480	480	480	480	480	410

consider mounting instruction  
subject to modifications

Zust.	Änderung	Datum	Name	Ursprung:	Eisele Antriebstechnik		Ersatz für:	Ersatz durch:	Blatt
					Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr.) (Modell- oder Gesenk-Nr.)		1
					Bearb. 04.10.16	Name BITZER	EP L 118/2 19x40		
					Gepr.		pd/0 bc-90 4xM6 $\phi$ 118		
					Norm				
					Tolerierung ISO 8015				
							DS1180432-2		