



output shaft bearing: grooved ball bearing 2RS

- max. radial load: 2600N by $n_2=100 \text{ 1/min}$ $L_h > 10.000h$
- max. axial load: 1000N by $n_2=100 \text{ 1/min}$ $L_h > 10.000h$

- 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 $n_1 = 3000 \text{ 1/min}$

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

		Allgemein-toleranzen ISO 2768-mH		Kanten ISO 13715		Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr.) (Modell- oder Gesenk-Nr.)		EPL 118/1 19x40 pd95 bc115 4xM8 sq120	EPL 118/1 19x40	Blatt 1	
Verwendungsbereich		Datum		Name		Tolerierung ISO 8015					
		Bearb. 08.08.16		BITZER				DS1180410-1	Ersatz durch:	1 BL	
		Gepr.									
		Norm									
		Tolerierung ISO 8015									
Zust.	Änderung		Datum		Name		Ursprung:		Ersatz für:		
	Eiselle Antriebstechnik								Ersatz durch:		

consider mounting instruction
subject to modifications