



- 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:	Blatt 1
					DS1180437-1		1 Bl.
Allgemein- toleranzen ISO 2768-mH				Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr.) (Modell- oder Gesenk-Nr.)	(Gewicht)	
Verwendungsbereich				Datum	Name		
Bearb. 08.08.16				Gepr.	BITZER		
Norm				ISO 8015			
Tolerierung ISO 8015							
EPL 118/1 19x40							
pd110 bc130 4xØ9 sq140							
EISELE Antriebstechnik							

consider mounting instruction
subject to modifications