



output shaft bearing: grooved ball bearing 2RS

- max. radial load: 2600N by n2=100 1/min Lh > 10.000h
 - max. axial load: 1000N by n2=100 1/min Lh > 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)
subject to modifications

lubrication: lifetime-lubrication
nominal output torque at n1 = 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:	
										DS1180432-1			
Verwendungsbereich		Allgemein-toleranzen		Kanten		Maßstab		(Gewicht)					
ISO 2768-mH		ISO 13715		[Werkstoff, Halbzeug (Rohteil-Nr)]		[Modell- oder Gesenk-Nr]							
Datum		Name		EPL 118/1 19x40									
Bearb. 08.08.16		BITZER		pd/10 bc-90 4xM6 ø118									
Gepr.													
Norm													
Tolerierung ISO 8015													
EISELE Antriebstechnik													
Blatt 1													
1 BL													

consider mounting instruction
subject to modifications