



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)

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

consider mounting instruction  
subject to modifications

Zust.		Änderung		Datum		Name		Ursprung:		Ersatz für:		Ersatz durch:			
Verwendungsbereich				Allgemein-toleranzen ISO 2768-mH				Kanten ISO 13715				Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)			
				Datum				Name							
				Bearb. 26.09.16				BITZER				EPL 118/1 24x50			
				Gepr.											
				Norm								pd130 bc165 4xØ11 Ø200			
				Tolerierung ISO 3015								DS1180420-1			
												Blatt 1			
												1 Bl.			

