



output shaft bearing: grooved ball bearing 2RS

- max. radial load: 1300N by n2=100 1/min Lh > 10.000h
  - max. axial load: 500N by n2=100 1/min Lh > 10.000h
  - reference to shaft center at temp. = 30°C
- straight-toothed planetary gearbox
- backlash at output shaft:

≤ 14 arcmin; reduced ≤ 8 arcmin  
 lifetime: > 30.000h

efficiency: by rated load 92% (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: 6 Nm
- operation mode: S1  
 operation ratio: CB1  
 protection system IP 54

	i =										
	12	16	20	25	35	40	50	70	100	100	100
nominal output torque [Nm]	80	100	100	100	100	100	100	100	64		
max. acceleration torque [Nm]	100	125	125	125	125	125	125	125	80		
emergency torque [Nm]	160	216	216	216	216	216	216	216	160		

consider mounting instruction  
 subject to modifications

Zust.	Änderung	Datum	Name	Ursprung:	Eiselle Antriebstechnik		Ersatz für:	Ersatz durch:		Blatt
					Allgemein-toleranzen	ISO 13715	Maßstab			1
					ISO 2768-mH	13715	(Werkstoff, Halbzeug) (Rohteil-Nr)			1
					Verwendungsbereich		(Modell- oder Gesenk-Nr)			
					Datum	BITZER				
					Bearb. 11.06.16					
					Gepr.					
					Norm					
					Tolerierung ISO 8015					
							EP L 84/2 14x30			
							pd73 bc98,4 4xM5 sq90			
							DS084.0458-2			