

- 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
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:	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. 25.06.16	BITZER		
			Gepr.			
			Norm			
			Tolerierung ISO 8015			
						
				EPL 84/2 19x56		
				pd55,57 bc125,7 4xM8 sq110		
				DS084.0446-2		
				Blatt 1		
				1 Bl.		