



- output shaft bearing: grooved ball bearing 2RS
- max. radial load: 1300N by n₂=100 1/min L_h > 10.000h
 - max. axial load: 500N by n₂=100 1/min L_h > 10.000h
 - reference to shaft center at temp. = 30°C
- straight-toothed planetary gearbox
- backlash at output shaft:
≤ 10 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: 6 Nm
- operation mode: S1
- operation ratio: CB1
- protection system IP 54

i =	3	4	5	7	10
nominal output torque [Nm]	40	54	54	54	40
max. acceleration torque [Nm]	70	100	100	100	75
emergency torque [Nm]	160	216	216	216	160

consider mounting instruction
subject to modifications

Zust.	Anderung	Datum	Name	Ursprung:		Ersatz für:	Ersatz durch:	
	Verwendungsbereich		Allgemein- toleranz ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohrteil-Nr.) (Modell- oder Geseenk-Nr.)	(Gewicht)		
		Datum	Bearb. 04.06.16	Name BITZER	EPL 84/1 14x30	Blaß 1		
		Gepr.	Norm			1 Bl.		
			Tolerierung ISO 8015					
					pdf50 bc70 4xM5 sq90			
Eisele Antriebs-technik					DS0840452-1			