



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:

≤ 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

Verwendungsbereich		Allgemein-toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)	(Gewicht)
Datum		Bearb. 04.06.16	Name BITZER	EPL 84/1 14x30	Blatt 1
Norm		Tolerierung ISO 8015			
Zust	Änderung	Datum	Name	Ersatz für:	Ersatz durch:
				DS0840436-1	

consider mounting instruction  
subject to modifications