

- 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

consider mounting instruction
subject to modifications

Zust	Änderung		Datum		Name		Ursprung:		Ersatz für:		Ersatz durch:		Blatt	
									DS0840458-1				1	
Verwendungsbereich			Allgemein- toleranzen ISO 2768-mH			Kanten ISO 13715			Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)			(Gewicht)		
					Datum	Name		EPL 84/1 14X30						
					Bearb. 04.06.16	BITZER		pd73 bc98,4 4xM5 sq90						
					Gepr.									
					Norm									
					Tolerierung ISO 8015									