

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

Verwendungsbereich				Allgemein- toleranzen ISO 2768-mH		Kanten ISO 13715		Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Geseenk-Nr)		(Gewicht)				
				Datum	Name		EPL 84/2 19x40							
				Bearb. 25.06.16	BITZER		pd/0 bc90 4xM6 sq90							
				Gepr.										
				Norm										
				Tolerierung ISO 8015										
													Blatt 1	
													1 Bl.	
Zust	Änderung	Datum	Name	Ursprung				Ersatz für:			Ersatz durch:			
								DS084.0430-2						

consider mounting instruction
subject to modifications