



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

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

consider mounting instruction  
subject to modifications

Zust.	Änderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch:	Blatt
							1
Verwendungsbereich				Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohrteil-Nr) (Modell- oder Gesenk-Nr)	(Gewicht)
Datum				Bearb. 25.06.16	Name BITZER	EPL 84/1 19x40	
Norm				Gepr.		pd95 bc115 4xM8 sq110	
Tolerierung ISO 8015							
						DS0840409-1	
						Eisele Antriebstechnik	