



- output shaft bearing: grooved ball bearing 2RS
- max. radial load: 2600N by n2=100 1/min Lh > 10.000h
  - max. axial load: 1000N by n2=100 1/min Lh > 10.000h
  - reference to shaft center at temp. = 30°C
- straight-toothed planetary gearbox
- backlash at output shaft:
- ≤ 8 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: 11 Nm
- operation mode: S1
- operation ratio: CB1
- protection system IP 54

i =	3	4	5	7	10
nominal output torque [Nm]	100	120	120	120	105
max. acceleration torque [Nm]	180	200	200	200	180
emergency torque [Nm]	200	480	480	480	410

consider mounting instruction  
subject to modifications

Zust.	Anderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch:	Blatt 1
							1 Bl.
Verwendungsbereich				Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohrteil-Nr) (Modell- oder Gesenk-Nr)	(Gewicht)
Datum				Bearb. 13.09.16	Name BITZER	EPL 118/1 19x40	
Norm				Gepr.		pd95 bc130 4xM10 sq120	
Tolerierung ISO 8015							
Eisele Arbeits-technik						DS1184.001-1	