



- 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: ≤ 8 arcmin reference to output shaft
- 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: 11/20 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

Zust	Anderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch:	Blatt
							1
							Bl.
Verwendungsbereich				ISO 13715	Maßstab (Gewicht)		
Allgemein-toleranzen ISO 2768-mH				13715	(Werkstoff Halbleitung)		
Datum				Name	Modell- oder Geseenk-Nr)		
Bearb. 03.05.2011				BITZER	EPL 118/1 19x4.0		
Gepr.					pd70 bc90 4xM6 sq120		
Norm							
Tolerierung ISO 8015							
Eisela Antriebstechnik					DS1180014-1		

consider mounting instruction  
subject to modifications