



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: 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.	Änderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch:
Verwendungsbereich				Allgemein-toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)
Datum				Bearb. 08.08.16	Name BITZER	EPL 118/1 19x40 pd110 bc145 4xM8 sq120
Norm				Tolerierung ISO 8015		
				DS1180448-1		Blatt 1
						1 Bl.

consider mounting instruction
subject to modifications