



- output shaft bearing: grooved ball bearing 2RS
- max. radial load: 6500N by $n_2=100$ 1/min $L_h > 10.000h$
 - max. axial load: 6000N by $n_2=100$ 1/min $L_h > 10.000h$
 - 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 $n_1 = 3000$ 1/min

operating temperature: -20°C bis +90°C

motor mounting: M2 (stocked driving pinion)

- torque of clamping screw: 35 Nm
- operation mode: S1
- operation ratio: CB1
- protection system IP 54

$i =$	3	4	5	7	10
nominal output torque [Nm]	230	310	310	310	180
max. acceleration torque [Nm]	360	460	460	460	340
emergency torque [Nm]	860	1000	1000	1000	800

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) (Rohteil-Nr) (Modell- oder Gesenk-Nr)	(Gewicht)
Datum				Bearb. 23.09.17	Name BITZER	EPL 150/1 38x80	
Gepr.				Norm		pd180 bc215 4xM12 sq190	
Tolerierung ISO 8015						DS1500416-1	