



output shaft bearing: grooved ball bearing 2RS

- max. radial load: 6500N by n2=100 1/min Lh > 10.000h
- max. axial load: 6000N 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: 20/35 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
					DS1500410-1		1 Bl.
Verwendungsbereich				Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr.) (Modell- oder Gesenk-Nr.)	(Gewicht)
Datum				Bearb. 25.03.17	Name BITZER	EPL 150/1 24x55	
Norm				Gepr.		pd110 bc145 4xM8 sq140	
Tolerierung ISO 8015							
Eispla Antriebs-technik							