



- 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: 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

Zust	Anderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch:	Blatt 1
					DS1500412-1		1 Bl.
Verwendungsbereich				Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)	(Gewicht)
			Datum	Name			
			Bearb. 23.09.17	BITZER		EP1 150/1 38x80	
			Gepr.			pd180 bc215 4xM14, sq190	
			Norm				
			Tolerierung ISO 8015				

consider mounting instruction  
subject to modifications