



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	Name		
			Bearb. 26.09.16	BITZER		
			Gepr.			
			Norm			
			Tolerierung ISO 8015			
				EPL 118/1 24x50 p495 bc115 4xM8 sq120		
				DS1180434-1		Blatt 1
						1 Bl.

consider mounting instruction
subject to modifications