



output shaft bearing: grooved ball bearing 2RS

- max. radial load: 2600N by $n_2=100$ 1/min Lh > 10.000h
- max. axial load: 1000N by $n_2=100$ 1/min Lh > 10.000h
- reference to shaft center at temp. = 30°C

straight-toothed planetary gearbox
backlash at output shaft:

≤ 12 arcmin; reduced ≤ 8 arcmin

lifetime: > 30.000h

efficiency: by rated load 92% (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: 20 Nm
- operation mode: S1
- operation ratio: cB1
- protection system IP 54

	i =										
nominal output torque [Nm]	12	16	20	25	35	40	50	70	100		
max. acceleration torque [Nm]	170	210	210	210	210	210	210	210	165		
emergency torque [Nm]	215	255	255	255	255	255	255	255	180		
	400	480	480	480	480	480	480	480	410		

Verwendungsbereich		Allgemein- toleranzen ISO 2768-mH		Kanten ISO 13715		Maßstab (Werkstoff Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)		(Gewicht)	
	Datum	Bearb. Gepr.	Datum	BITZER	EPL 118/2 19x40				
		Norm			pd110 bc130 4xø9 ø160				
		Tolerierung ISO 8015							
Zust		Änderung		Datum		Name		Ursprung:	
								Ersatz für:	
								Ersatz durch:	
								Blatt 1	
								1 Bl.	

consider mounting instruction
subject to modifications



DS1180428-2