



output shaft bearing: grooved ball bearing 2RS

- max. radial load: 2600N by $n_2=100$ 1/min $L_h > 10.000h$
- max. axial load: 1000N 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: 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:	
										DS1180443-1			
Verwendungsbereich		Allgemein-toleranzen ISO 2768-mH		Datum		Name		Kanten ISO 13715		Maßstab		(Gewicht)	
		Bearb. 08.08.16		Gepr.		BITZER				EPL 118/1 19x40			
		Norm		Tolerierung ISO 8015						pd/0 bc-90 4xø7 ø118			
												Blatt 1	
												1 Bl.	

consider mounting instruction
subject to modifications

