



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:

≤ 12 arcmin; reduced ≤ 8 arcmin

lifetime: > 30.000h

efficiency: by rated load 92% (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 =										
		12	16	20	25	35	40	50	70	100	
nominal output torque [Nm]		170	210	210	210	210	210	210	210	165	
max. acceleration torque [Nm]		215	255	255	255	255	255	255	255	180	
emergency torque [Nm]		400	480	480	480	480	480	480	480	410	

consider mounting instruction
subject to modifications

Zust.	Änderung	Datum	Name	Ursprung:			Ersatz für:	Ersatz durch:	Blatt
					Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohrteil-Nr) (Modell- oder Gesenk-Nr)		(Gewicht)
					Bearb. 15.10.16 Gepr. Norm	BITZER	EP L 118/2 24x50		
					Tolerierung ISO 8015		pd110 bc130 4xø9 sq140		
							DS1180429-2		1 Bl.