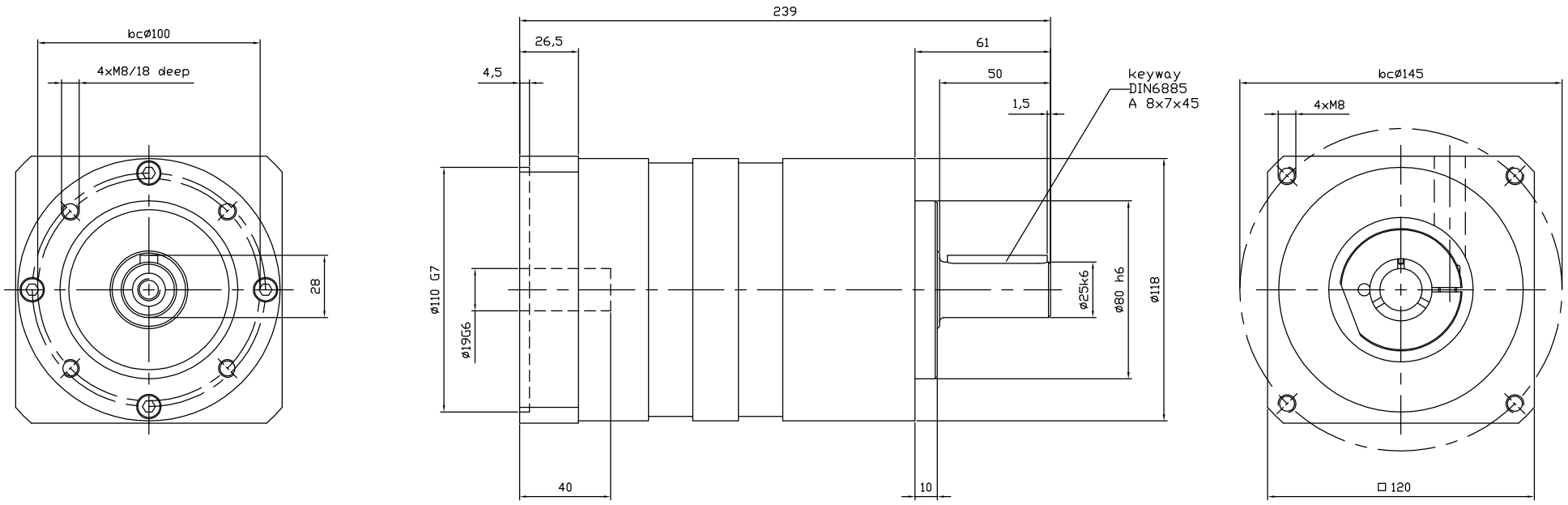

output shaft bearing: grooved ball bearing 2RS

- 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. accelaration 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

Verwendungsbereich				Allgemeintoleranzen ISO 2768-mH		Kanten ISO 13715	Maßstab: (Gewicht)
							(Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)
					Datum	Name	EPL 118/2 19x40
				Bearb.	04.10.16	BITZER	
				Gepr.			pd110 bc145 4xM8 sq120
				Norm			
				Tolerierung ISO 8015			
				Eisele Antriebstechnik			DS1180448-2
Zust	Änderung	Datum	Name	Ursprung:			Ersatz für: / Ersatz durch:

Blatt 1
1 Bl.