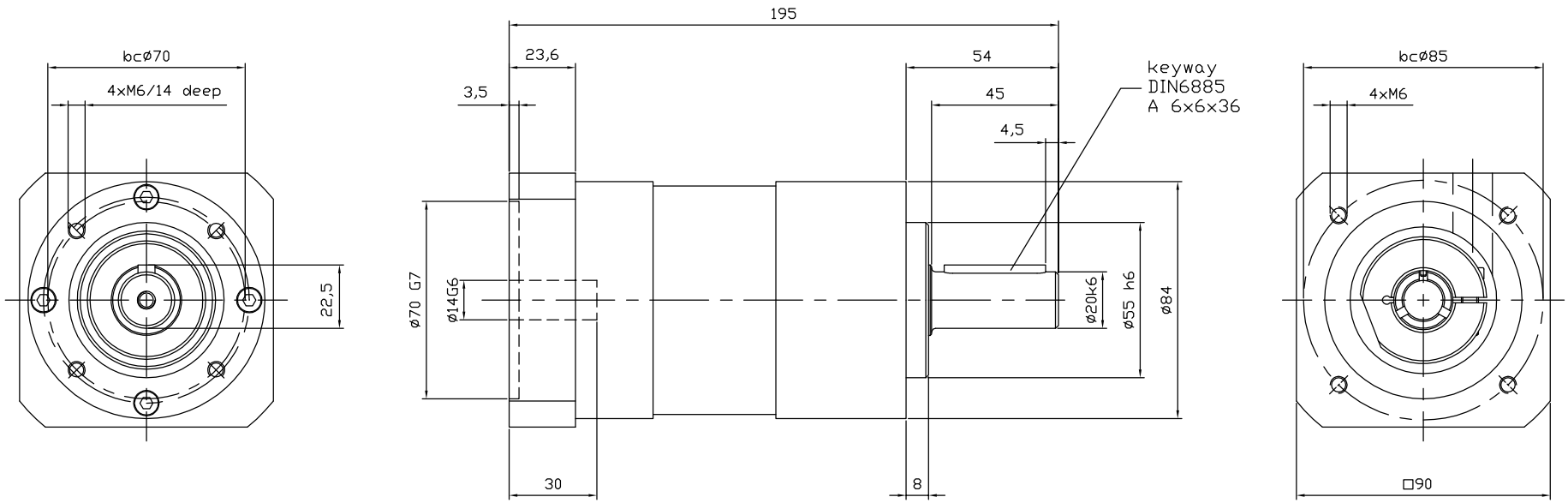

output shaft bearing: grooved ball bearing 2RS

- max. radial load: 1300N by n2=100 1/min Lh > 10.000h
- max. axial load: 500N by n2=100 1/min Lh > 10.000h
- reference to shaft center at temp. = 30°C

straight-toothed planetary gearbox
backlash at output shaft:
≤ 14 arcmin; reduced ≤ 8 arcmin
lifetime: > 30.000h
efficiency: by rated load 92% (depends on ratio)
lubrication: lifetime-lubricationn
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: 6 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]	80	100	100	100	100	100	100	100	64
max. accelaration torque [Nm]	100	125	125	125	125	125	125	125	80
emergency torque [Nm]	160	216	216	216	216	216	216	216	160

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 84/2 14x30	
				Bearb.	11.06.16 / BITZER		
				Gepr.			
				Norm			
				Tolerierung ISO 8015		pd70 bc85 4xM6 sq90	
				Eisele Antriebstechnik		DS0840432-2	Blatt 1 / 1 Bl.
Zust	Änderung	Datum	Name	Ursprung:		Ersatz für:	Ersatz durch: