

Bearing-types for Groschopp AC- and DC- motors

SG 80 B3/B5

up to 8Nm

smooth compact-gearbox

Spur wheel gearbox

Ball-bearing on output shaft

ratios from 4:1 to 347:1 possible

Mounting target of your choosing: flange- or base fastening possible

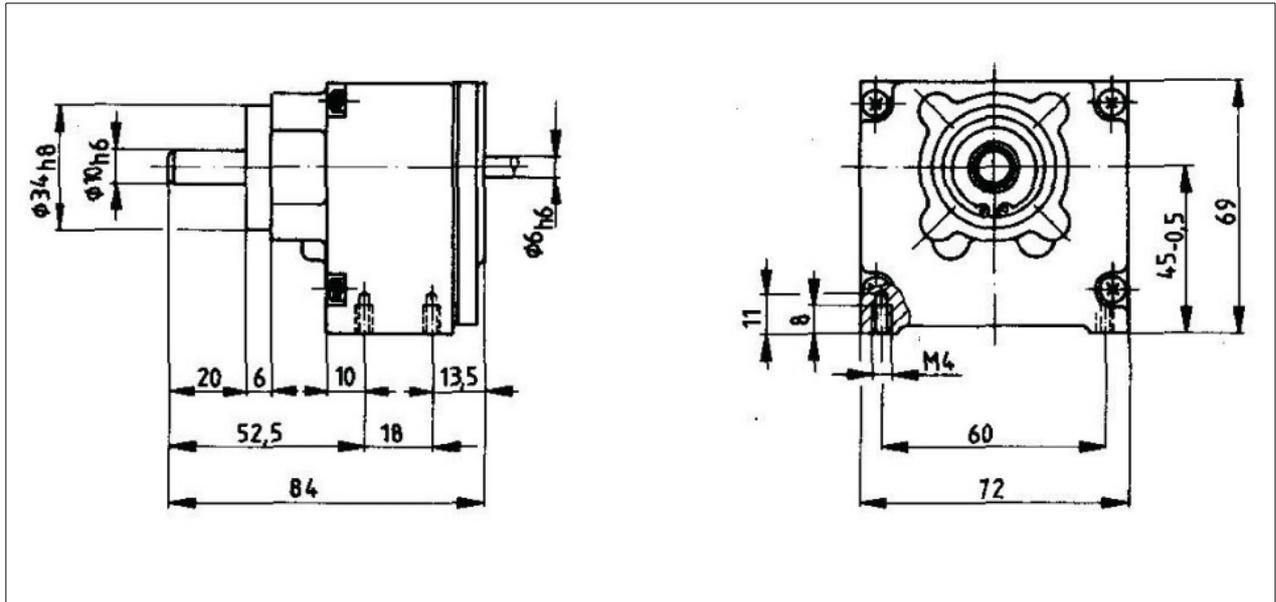
high efficiency due to spur wheels



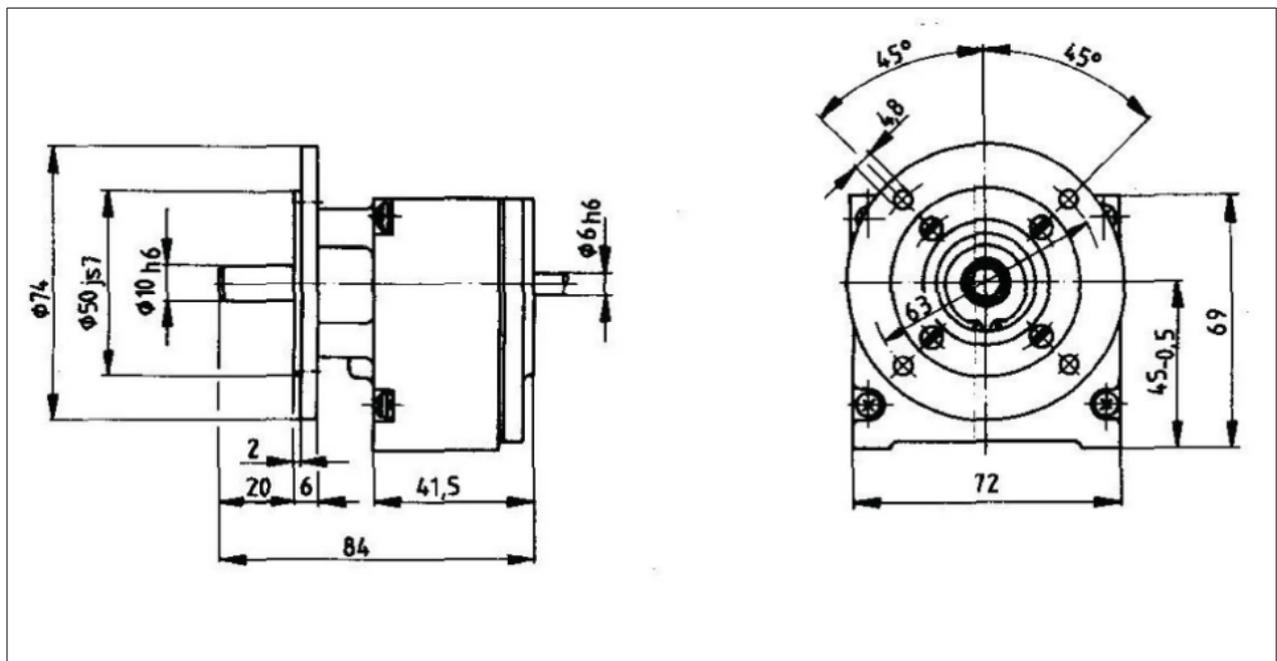
Certifications

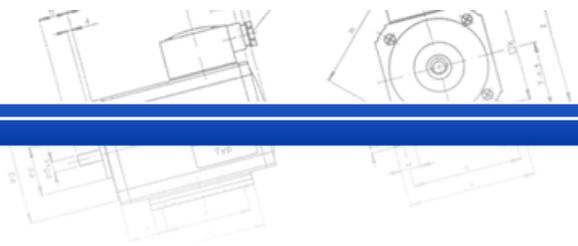


drawings SG 80/B3



drawings SG 80/B5





available ratios

i =	4:1	7,8:1	10,3:1	15,2:1	19:1	25:1	33:1	41,5:1
	51,5:1	61:1	81:1	149:1	197:1	262:1	347:1	

technical data

ratios i=	4:1/ 7,8:1/ 10,3:1 (2-stages)	15,2:1/ 19:1/ 25:1/ 33:1 (3-stages)	41,5:1/ 51,5:1/ 61:1/ 81:1 (4-stages)	149:1/ 197:1/ 262:1/ 347:1 (5-stages)
maximum outout torque	800 Ncm	800 Ncm	800 Ncm	800 Ncm
direction of input- and motorshaft	co-rotating	counter-rotating	co-rotating	counter-rotating
maximum load of the drive shaft				
maximum radial load	250 N (at center of output shaft extension)	250 N (at center of output shaft extension)	250 N (at center of output shaft extension)	250 N (at center of output shaft extension)
maximum axial load	120 N	120 N	120 N	120 N
weight	B3=0,75 kg B5=0,80 kg	B3=0,78 kg B5=0,83 kg	B3=0,81 kg B5=0,86 kg	B3=0,84 kg B5=0,89 kg
material of spur wheels	all steel wheels	1. step hard fiber-wheel (steel is also possible)	1. step hard fiber (Hartgewebe) wheel (steel is also possible)	1. step hard fiber-wheel (steel is also possible)

efficiency factor at $n_{Mot} = 1400 \text{ }^1/\text{min}$

