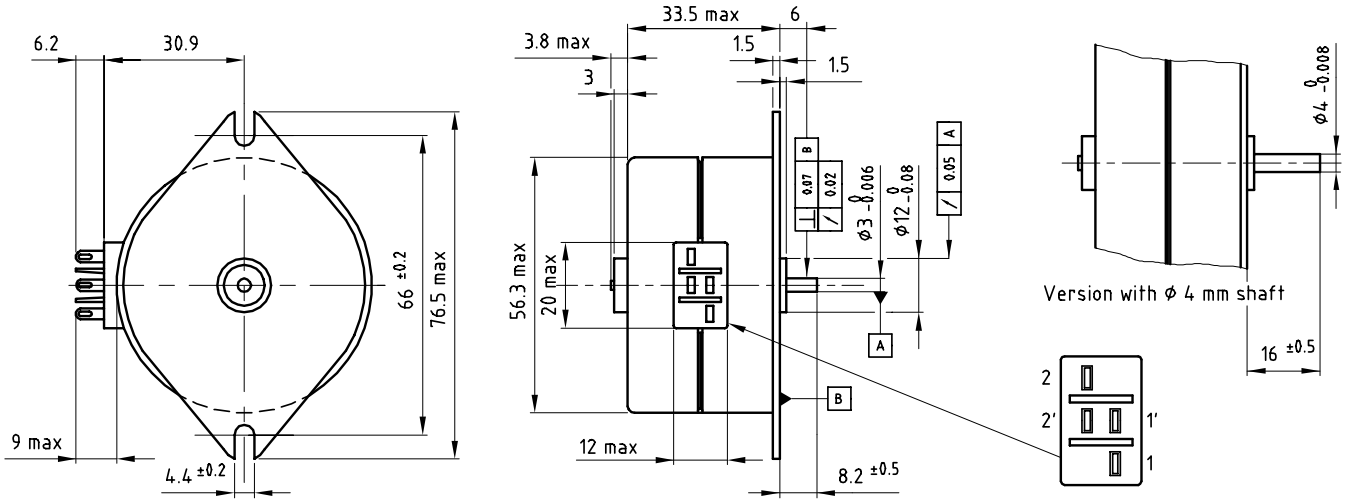


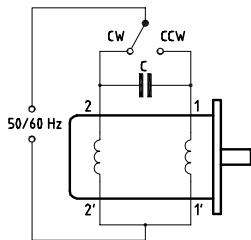
Dimensional drawing



Motor data

Motor order number	shaft ϕ 3 mm	9904 111 +	35504	35404	35304	35104
	shaft ϕ 4 mm	9904 111 +	35514	35414	35314	35114
Nominal Voltage	[V]	24	48	110	220	
Frequency	[Hz]	50 / 60	50 / 60	50 / 60	50 / 60	
Speed	[rpm]	250 / 300	250 / 300	250 / 300	250 / 300	
Current	[mA]	140	80	30	16	
Input Power	[W]	3.5	3.5	3.5	3.5	
Working Torque	[mNm]	33	33	33	33	
Torque derating	[%/K]	-0.4	-0.4	-0.4	-0.4	
Temperature rise of the motor	[°C]	55	55	55	55	
Required phasing capacitor C for 50 Hz operation (MKT-type)	Capacity	[μ F]	10	2.7	0.47	0.12
	Permissible a.c. voltage	[V]	≥ 63	≥ 100	≥ 250	≥ 400
Required phasing capacitor C for 60 Hz operation (MKT-type)	Capacity	[μ F]	8	2.2	0.39	0.1
	Permissible a.c. voltage	[V]	≥ 63	≥ 100	≥ 250	≥ 400

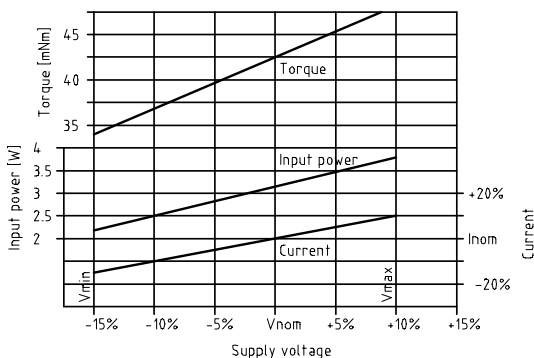
Electrical Connection



General data

x	Permissible voltage fluctuations	-15 to +10	%
x	Type of bearings	sleeve	
x	Maximum radial load	10	N
x	Maximum axial load	1.5	N
x	Ambient temp. range operating	-20/+70	°C
x	Ambient temp. range storage	-40/+100	°C
x	Mass of motor	300	g

Performance curve



Product combinations

- x Gearbox S70A
- x Gearbox S70B