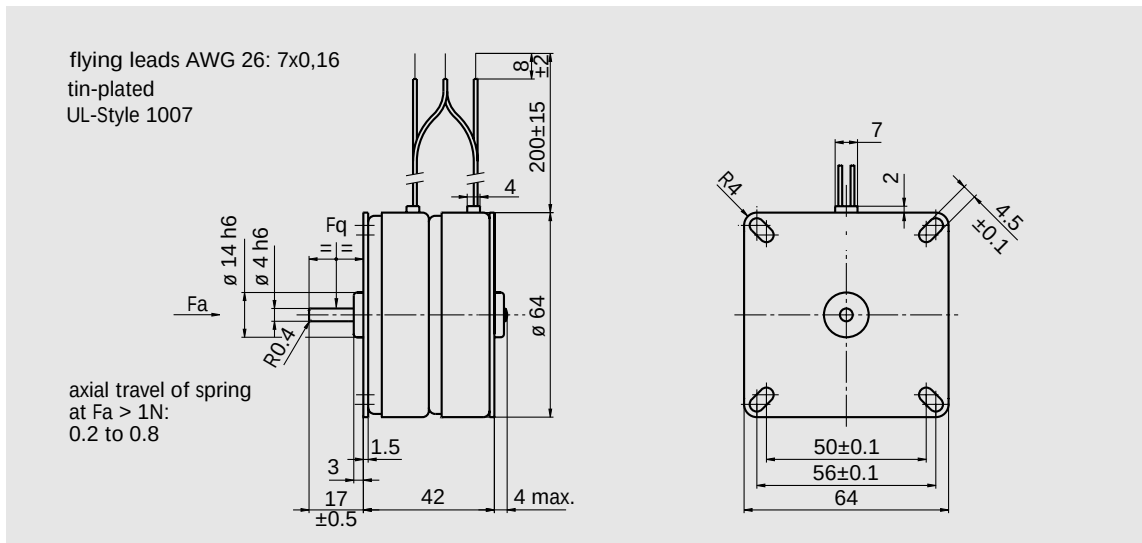




Scale drawing RSM 63/8

Technical Data

	Frequency	
	50 Hz	60 Hz
Speed	375 rpm	450 rpm
Synchronous torque	13 Ncm	11.7 Ncm
Delivery of power	5.1 W	5.5 W
Power consumption	11 W	11.7 W
Rated current (230 V)	48 mA	51 mA
Operating capacitor	0.33 μF	0.33 μF
Maximum externally permitted mass moment of inertia	250 gcm^2	180 gcm^2
Self-holding torque, type	5 Ncm	5 Ncm
Excess winding temperature	45 K	52 K
Permitted radial stress F_q	10 N	10 N
Permitted axial stress F_a	3 N	3 N
Weight	0.46 kg	0.46 kg
Protection grade	IP 41 to DIN EN 60529	IP 41
Insulation class	E to DIN EN 60034-1	E
Dielectric strength	Momentary test, test voltage to DIN EN 60034-1	

Voltages

Rated voltage	110 V		42 V		24 V	
Frequency	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
Operating capacitor	1.5 μF	1.5 μF	10 μF	10 μF	32 μF	32 μF
Rated current	100 mA	106 mA	266 mA	283 mA	464 mA	493 mA

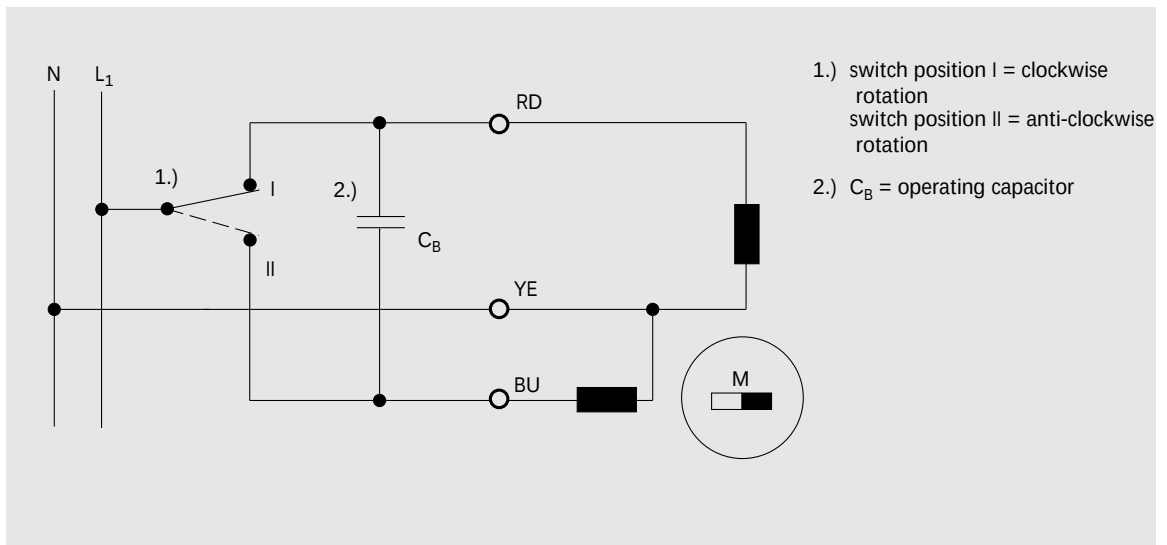
Gearbox combinations

You will find gearbox combinations from page 113.

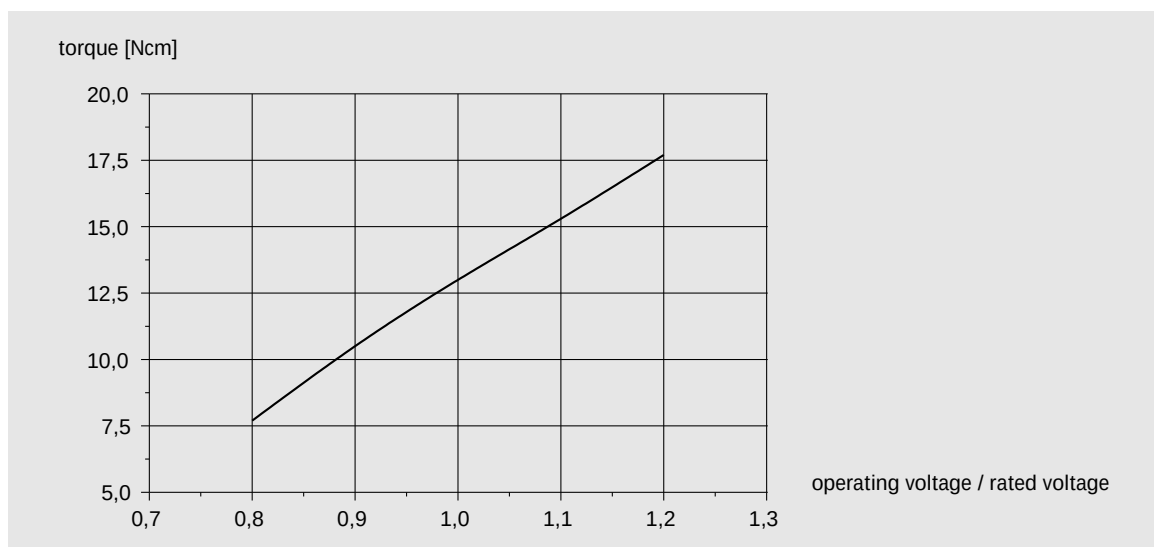
Synchronous motors

RSM 63/8 F

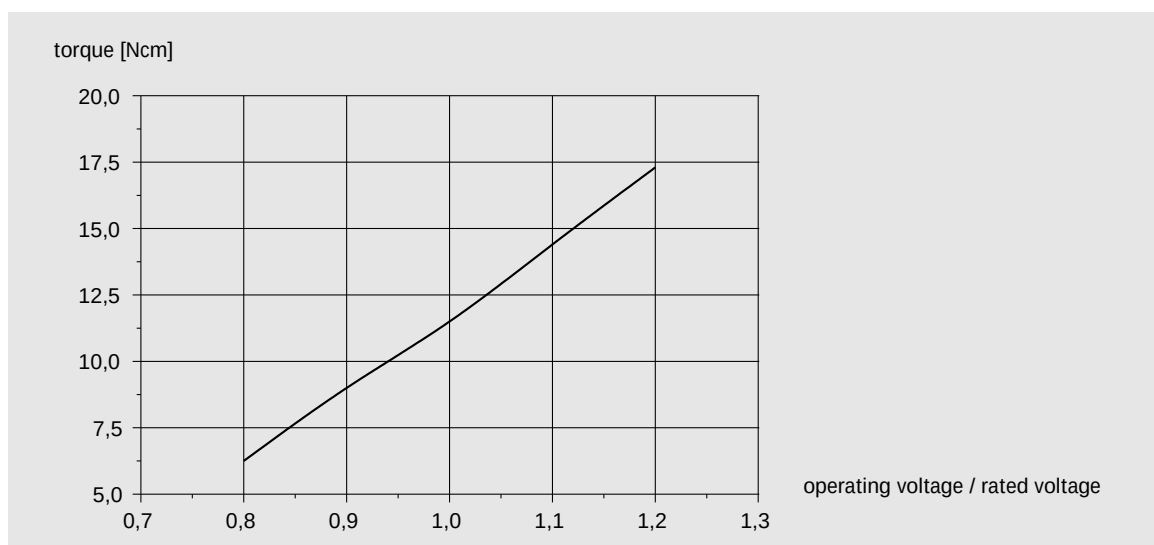
Technical Data



Connections RSM 63/8



Characteristic curve RSM 63/8 at 50 Hz



Characteristic curve RSM 63/8 at 60 Hz