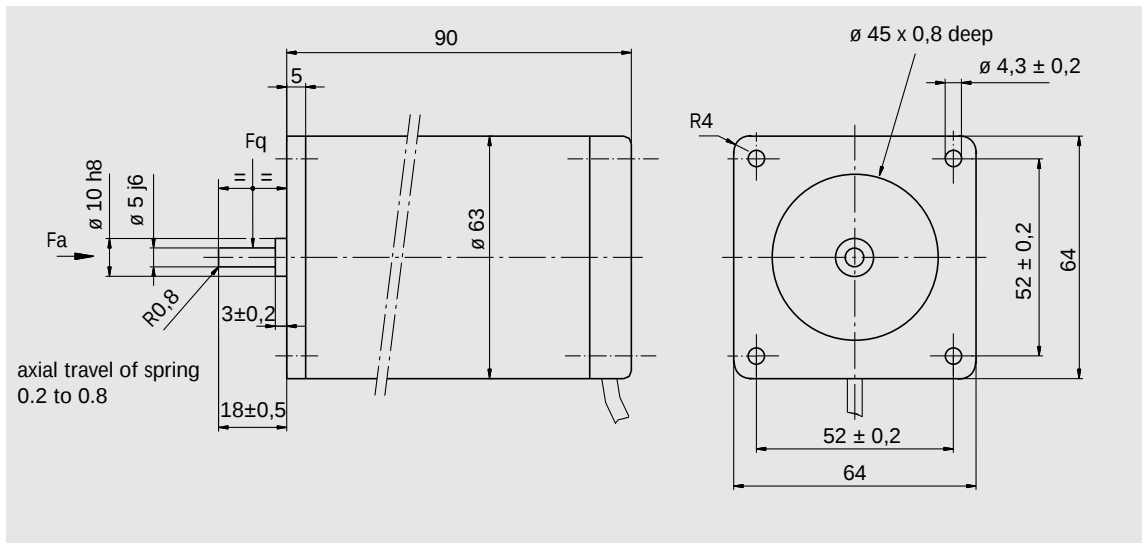




Scale drawing RSM 828/3

Technical Data

	Frequency	
	50 Hz	60 Hz
Speed	1000 rpm	1200 rpm
Synchronous torque	8.4 Ncm	7.8 Ncm
Delivery of power	8.8 W	9.9 W
Power consumption	17.1 W	19.3 W
Rated current (230 V)	75 mA	85 mA
Operating capacitor	0.5 µF	0.5 µF
Maximum externally permitted mass moment of inertia	55 gcm ²	30 gcm ²
Self-holding torque, type	2 Ncm	2 Ncm
Excess winding temperature	75 K	85 K
Permitted radial stress F _q	40 N	40 N
Permitted axial stress F _a	20 N	20 N
Weight	0.55 kg	0.55 kg
Protection grade	IP 41 to DIN EN 60529	IP 41
Insulation class	B gemäß DIN EN 60034-1	B
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	2 µF	2 µF	14 µF	14 µF	42 µF	42 µF
Rated current	145 mA	164 mA	370 mA	420 mA	726 mA	823 mA

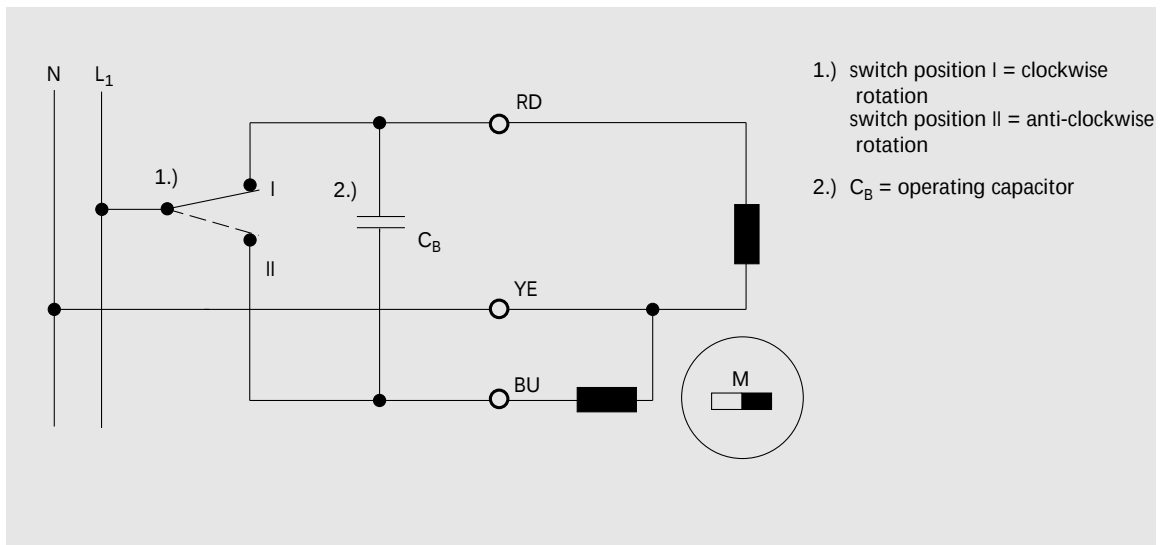
Gearbox combinations

You will find gearbox combinations from page 113.

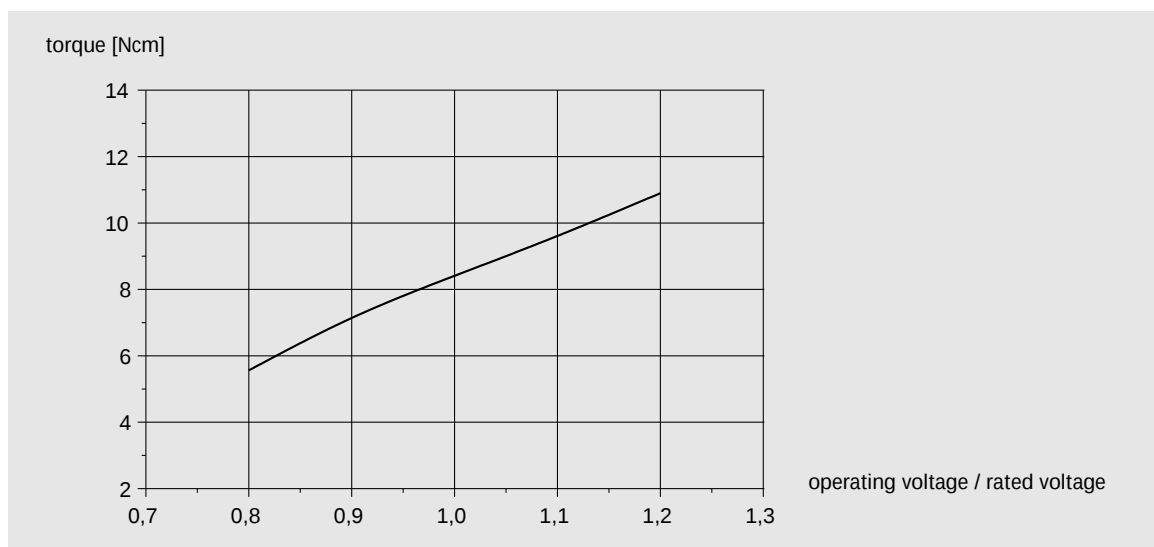
Synchronous motors

RSM 828/3 F

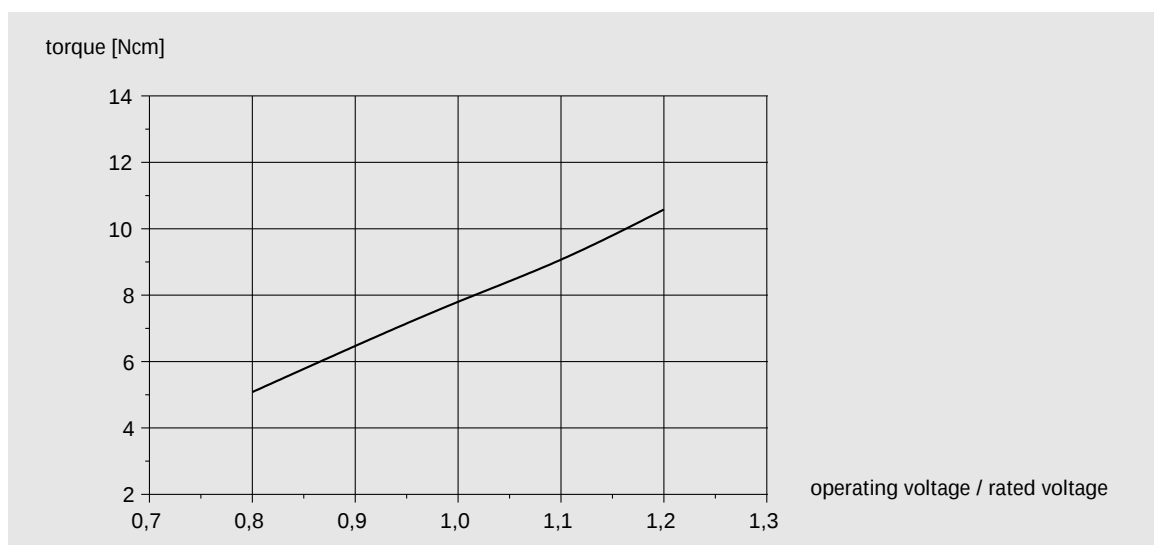
Technical Data



Connections RSM 828/3



Characteristic curve RSM 828/3 at 50 Hz



Characteristic curve RSM 828/3 at 60 Hz