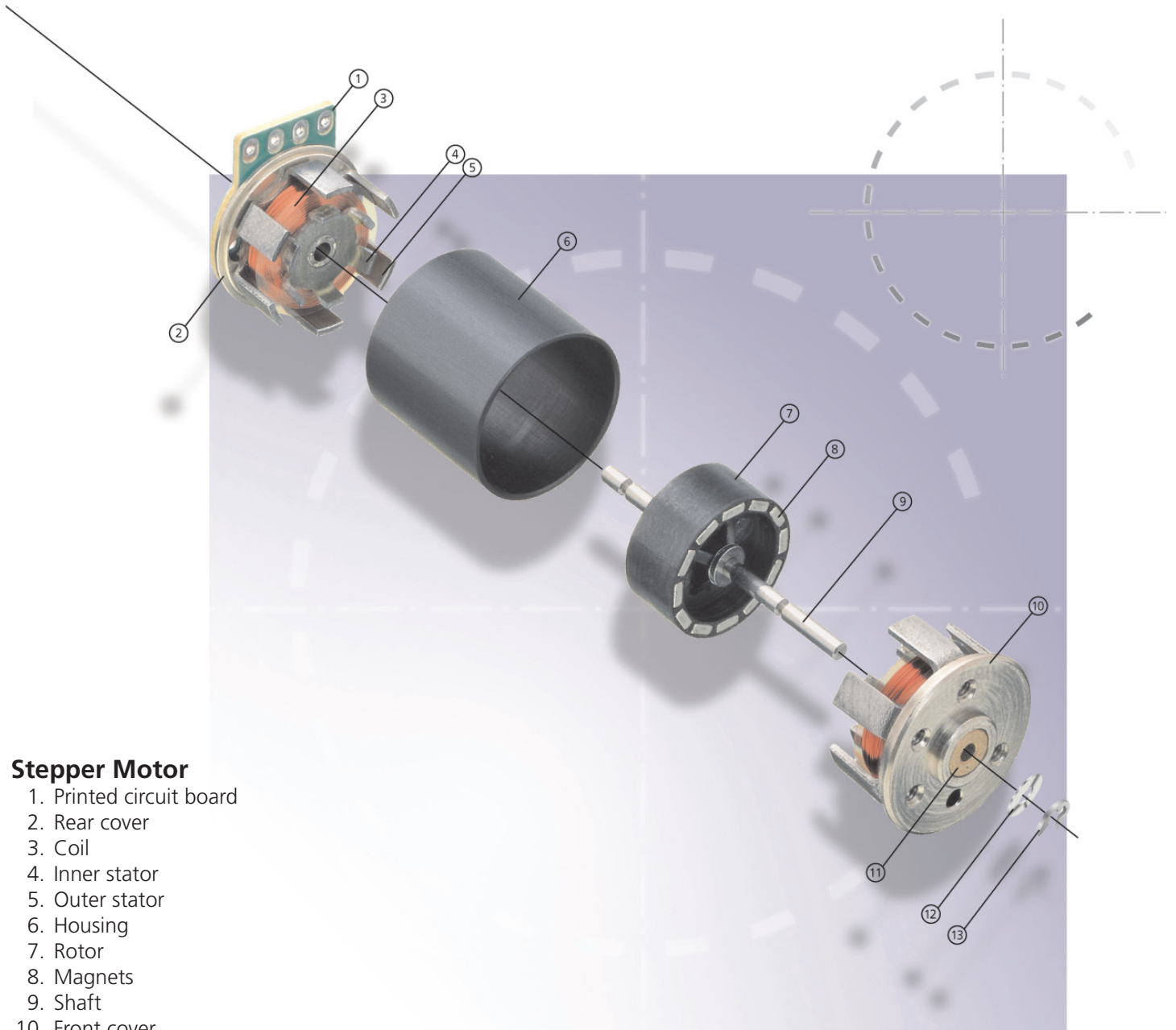


Stepper Motors



Stepper Motor

1. Printed circuit board
2. Rear cover
3. Coil
4. Inner stator
5. Outer stator
6. Housing
7. Rotor
8. Magnets
9. Shaft
10. Front cover
11. Sleeve bearing
12. Washer
13. Circlip

Ordering Information

Stepper Motors

Row	1	2	3	4	5		6	7
Example 1	AM0820	V	05	56	09	+	08/1	16:1
Example 2	AM1020	V	06	65	08	+	10/1	256:1
Example 3	AM1524	A	0.25	12.5	07	+	15/5	141:1

Desired Gear Ratio

Desired Gearhead Series

(see below for shaft types)

Phase Resistance:

(AM0820)

18 = 18 Ω (3v version)

56 = 56 Ω (5v version)

7 = 7.3 Ω (current mode)

(AM1020)

16 = 16 Ω

65 = 65 Ω (6v version)

250 = 250 Ω (12v version)

8 = 7.4 Ω (current mode)

(AM 1524)

35 = 35 Ω (6v version)

150 = 150 Ω (12v version)

590 = 590 Ω (24v version)

12.5 = 12.5 Ω (current mode)

Voltage or Current Options:

03 = 3 Volt

05 = 5 Volt

06 = 6 Volt

12 = 12 Volt

24 = 24 Volt

0.25 = 0.25 Amp

0.225 = 0.225 Amp

Mode:

V = Voltage

A = Current

Motor Series

Shaft Type: (AM0820)

00 = with rear shaft

01 = without rear shaft

08 = without rear shaft & Pinion for 08/1 gearheads

09 = with rear shaft & Pinion for 08/1 gearheads

Shaft Type: (AM1020)

00 = with rear shaft

01 = without rear shaft

08 = without rear shaft & Pinion for 10/1 gearheads

10 = without rear shaft & Pinion for 12/3 gearheads

Shaft Type: (AM1524)

04 = with rear shaft for 16/7 gearhead

05 = without rear shaft for 16/7 gearhead

06 = with rear shaft & E pinion for gearheads \varnothing 15 & 16

07 = without rear shaft & E pinion for gearheads \varnothing 15 & 16