

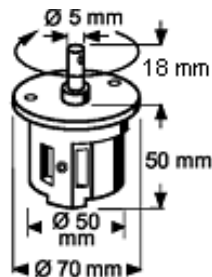
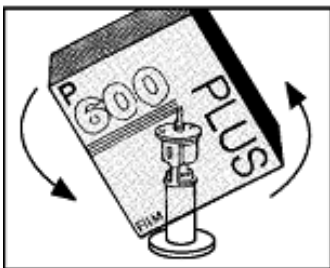
Battery Powered Motors for Advertising Displays with Motion.

Please choose:

- 3 basic types of display motors with 9 different rotation speeds
- Different types of battery sources
- 3 different loads, 1.5 V, 3 V, 4.5 V (1.2 or 3 D-cells)
- Different kinds of movement: rotating, pendulum motion, oscillating, cycle movement, stop and go, counter movements, double drive
- Broad range of accessories like rotation flanges, motor brackets, S-hook
- Please ask for further components

How can you select your individual display motor?

Step 1: You choose the movement of the motor you need



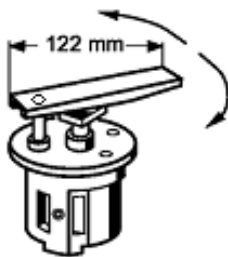
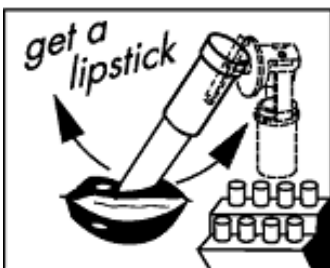
BM 010

Battery operated continuous rotating motor

Three basic motors: with 0.7 / 2.5 / 9 rpm

Rotation speed:

- at 1.5 V: 0.7 / 2.5 / 9 rpm
- at 3 V: 1.5 / 5.5 / 20 rpm
- at 4.5 V: 2.5 / 9 / 30 rpm



BPA 010

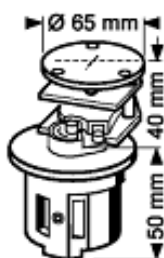
Battery motor with pendulum drive

Pendulum cycles:

- according to the rotation speed of the three basic motors (also depending on the voltage)

Pivoting range:

- 30° / 45° / 60°



BMT 010

Battery cycle controlled motor

Cycle speed:

- One cycle (1 x 90°) per rotation of the motor (rotation speed according to the basic motors BM 010)

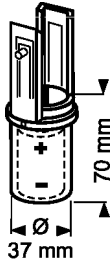
Stop times:

- Stop times depend on the rotation speed of the motor too.

Step 2: You select your most suitable battery source

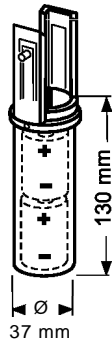
(All battery sources are designed for D-cell batteries)

Plug in tube for batteries in series connection:



Plug in tube for 1 battery,
single voltage = single speed

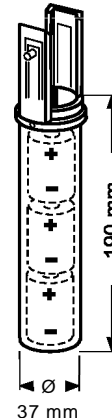
Voltage **Order No.**
1.5 V 902 232



Plug in tubes for
2 batteries = double speed

Voltage **Order No.**
3 V 902 233

I.e. you have a motor with
2.5 rpm and a tube for 2
batteries in series connection
the motor will rotate at
a speed of 5.5 rpm.



Plug in tubes for
3 batteries = triple speed

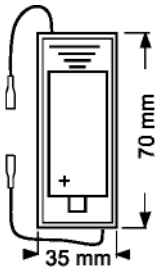
Voltage **Order No.**
4.5 V 902 234

I.e. you have a motor with
2.5 rpm and a plug in tube
for 3 batteries the motor
will rotate at a speed of
9 rpm.

Battery holder in parallel connection for longer lifespan

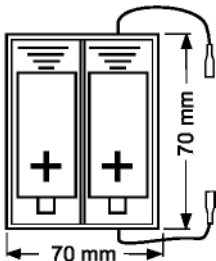
Examples:

Battery holders in parallel or series connection:



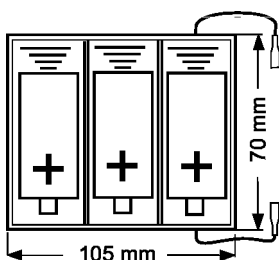
Holder for 1 battery =
single lifespan

Voltage **Order No.**
1.5 V 900 741



Holder for 2 batteries =
double lifespan

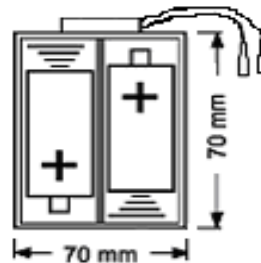
Voltage **Order No.**
1.5 V 901 169



Holder for 3 batteries =
triple lifespan

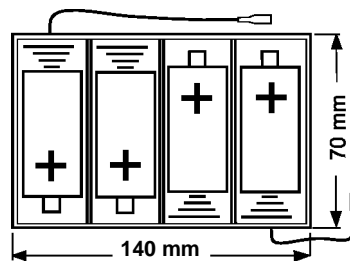
Voltage **Order No.**
1.5 V 901 178

Battery holders in series connections for double speed and for longer lifespan:



Holder for 2 batteries,
single lifespan =
double speed

Voltage **Order No.**
3 V 901 185



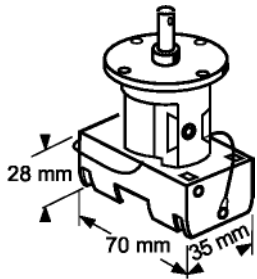
Holder for 4 batteries,
double lifespan =
double rpm

Voltage **Order No.**
3 V 902 848

I.e. you have a motor with 2.5 rpm and a holder for 2 batteries
in series connection the motor will rotate at a speed of 5.5
rpm.

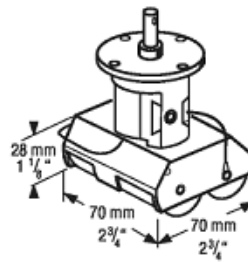
All battery holders are assembled with 2 wires 200 mm length
and 2,8 mm connectors.

You also can choose the motor with a fix assembled battery holder: examples



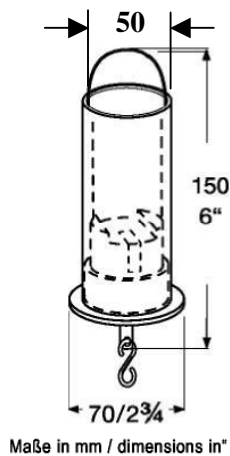
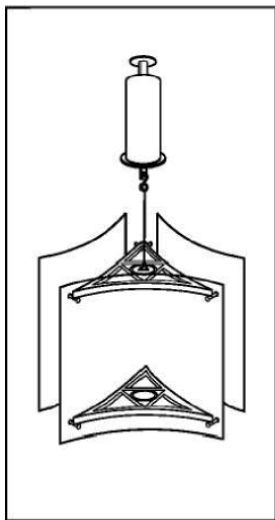
BD 012
Battery motor with single
battery holder

<u>Speed</u>	<u>Order No.</u>
2.5 rpm	902 820
9 rpm	902 819



BD 012
Battery motor with double
battery holder

<u>Speed</u>	<u>Order No.</u>
1.4 rpm	902 820
5.5 rpm	902 819
20 rpm	902 248



BMH 011

Battery powered motor hanging version for lightweight displays

Max. load:	1 kg / 2 lbs
Power source:	1 d-cell, 1.5 V
Casing:	cardboard tube white, can be labeled or plasted
Equipment:	including s-hook and hanging bracket

Step 3: Please select your accessories for Battery Motors

(Other accessories on inquiry)



flange Ø 29 mm
Order No.
901 056



flange with crank
65 mm
Order-No. Metal
901 077

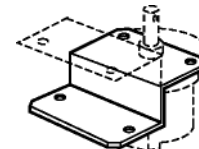


s-hook
Order-No.
900 804



metal flange
Ø 65 mm
Order No.
901 067

Order-No. Plastic
901 874



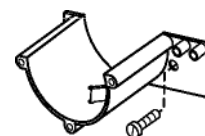
Suspension
bracket
Order-No.
124 302 720



plastic flange
Ø 65 mm
Order No.
901 699



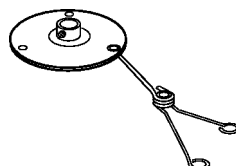
flange with crank
150 mm
Order-No. Metal
901 075
Order-No. Plastic
901 076



motor bracket
qualified for floor-
fitting of BM 010
motors
Order-No.
130 001 001



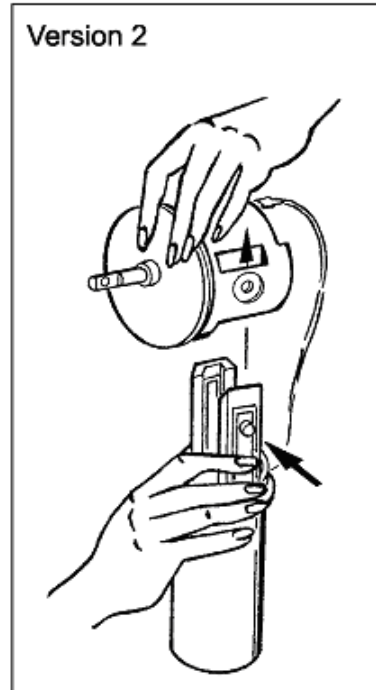
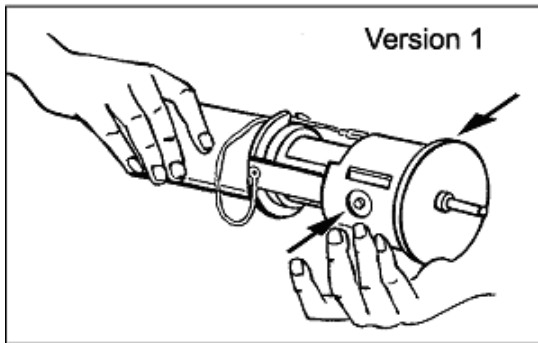
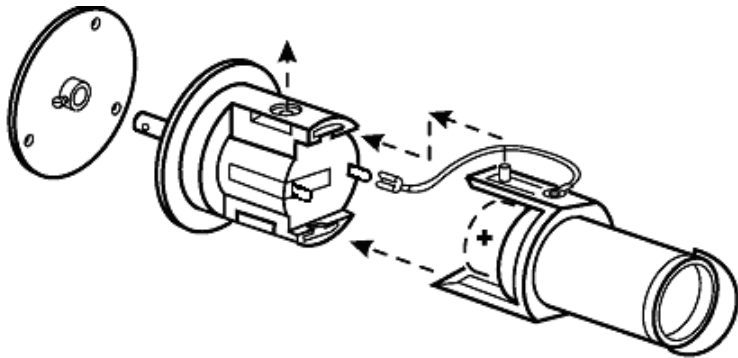
flange with
coupling Ø
65 mm
Order No.
901 991



flange with 3 x crank
a' 65 mm
Order-No. Metal
901 152
Order-No. Plastic
901 153

Example how to handle battery motor with tube:

(Battery motor with tube for 1.5 voltage D-cell and rotation flange)



Example for motor equipped with turn plate, motor bracket and battery holder:

