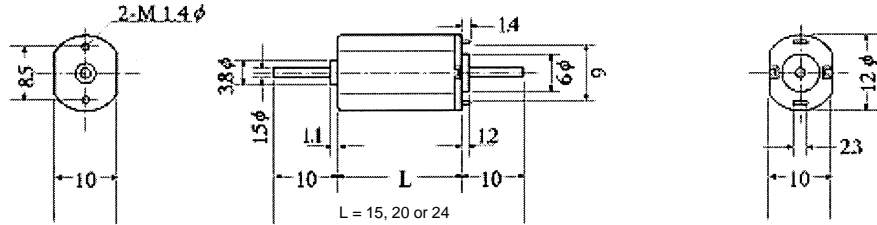


**MASHIMA MOTORS**

These flat sided can motors are rugged, reliable and quiet in use. They have the advantage over the round can types of being more easily fitted into confined fireboxes or boilers. The 10 series have skew wound armatures and rare earth magnets which give excellent performance for motors of such small size. Motors are supplied with double shafts for use with a flywheel if desired. All motors are tested and fixing screws inserted before packing.

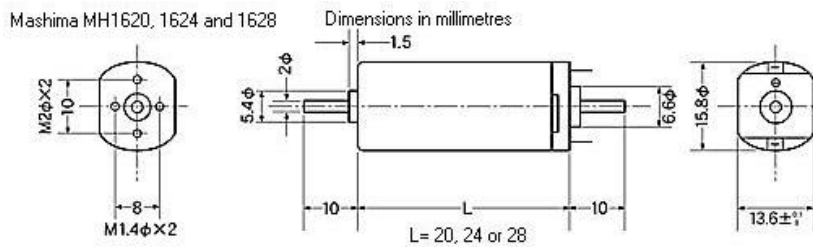
**10 SERIES**

1.5mm dia shaft



**16 SERIES**

2.0mm dia shaft

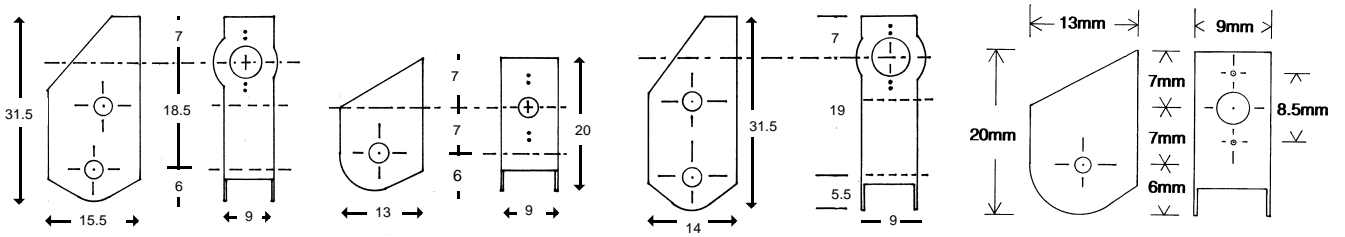


**FLYWHEELS**

FL1	12mm dia	6mm thick	1.5mm bore	5.2g
FL2	14mm dia	6mm thick	1.5mm bore	7.5g
FL3	14mm dia	8mm thick	2.0mm bore	9.8g
FL4	16mm dia	8mm thick	2.0mm bore	12.8g

**GEARBOXES**

We offer a wide range of gearboxes that will fit most situations. The range comprises a choice of either single or double stage 38:1 gearboxes, a double stage 50:1 gearbox, and a compact double stage 38:1 gearbox that can be fitted with a Drive Extender to give either 38:1, 46:1 or 50:1 final drive and a flexible configuration. All include precision cut helical gears with boss and grub screw fixing. GB1, GB2, GB3 and GB5 are suitable for the 16 series motors and GB4 and GB5 are suitable for the 10 series.

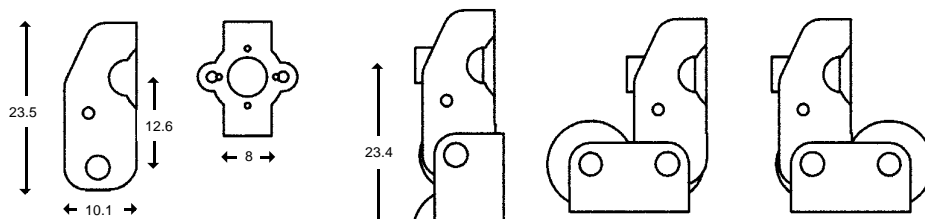


GB1 two stage 50:1

GB2 single stage 38:1

GB3 two stage 38:1

GB4 single stage 38:1



GB5 two stage 38:1, with optional Drive Extender

Showing fitting options when fitted with a Drive Extender

Drive Extenders offer a 38:1, 46:1 or 50:1 final ratio

Visit our website and download our Motor and Gearbox Overlay. Print it out on an overhead transparency sheet and then overlay it on a scale drawing to help you choose the correct combination for your model.