

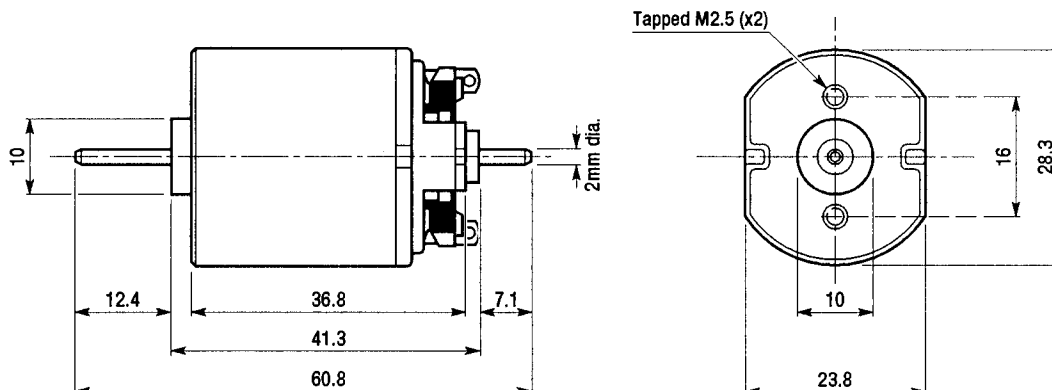
**Bühler - Type 1.16.037.069**

Manufacturer - Bühler

Supplier - MSC Models Ltd.

JH (1995 design)**Construction:**

Flat sided totally enclosed frame, double shaft extension, end mounting screws.



Nominal voltage: 12

Note: Voltage is at the motor terminals. It is recommended that the supply voltage be 2V higher to allow for feeder and contact drop.

Performance at	12V	16V
No-load speed (rpm)	10500	14000
Stalled torque (g.cm)	370	493
No-load current (A)	0.25	0.28
Stalled current (A)	4.0	5.3
Power output at 75% no-load speed (W)	7.5	13.3

Nominal gear ratios		
Express passenger and mixed traffic steam locos	22/1	29/1
Steam freight locos	29/1	39/1
Diesel and electric locos	13/1	17/1

Data source: Manufacturer's Data Sheet

Comment:

A motor suitable for supply voltages from 12 to 18. Despite its small size its high speed gives it a power output sufficient for all likely duties. It is not considered suitable for supply voltages above 18.

Note: This current design is made in the USA and is slightly wider than previous designs. It may not fit between some frames built with standard spacers.

Available with 25/1 gearbox.