

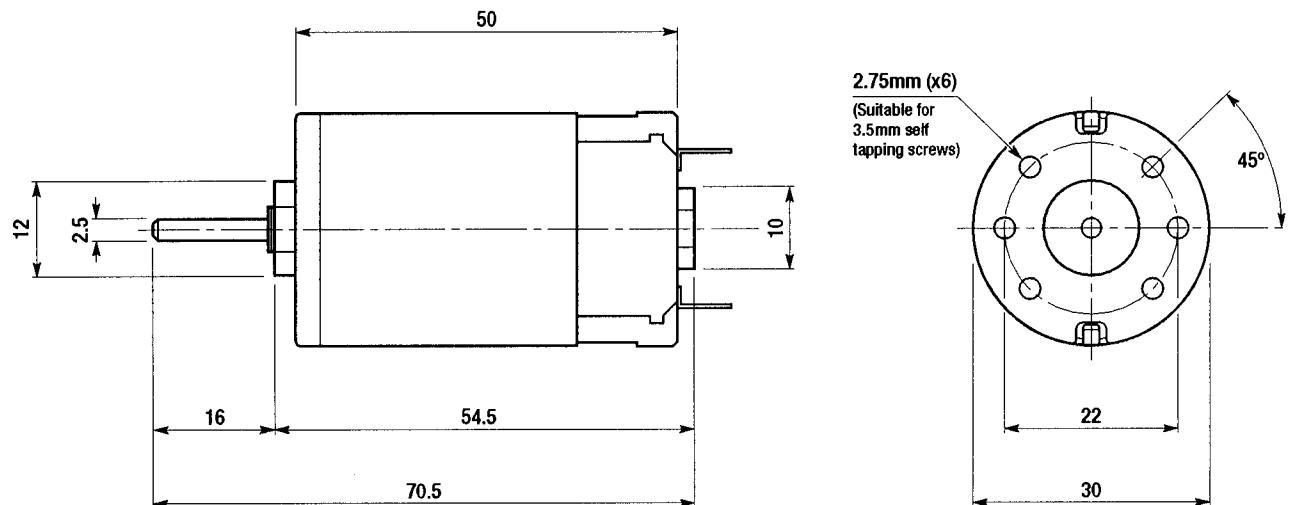
**Bühler - Type 1.13.021.158**

Manufacturer - Bühler

Supplier - Surplus trader.

Construction:

Cylindrical totally enclosed frame, single shaft extension, end mounting screws.



Nominal voltage:12

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

<i>Performance at</i>	<i>12V</i>	<i>16V</i>
No-load speed (rpm)	9200	12267
Stalled torque (g.cm)	712	949
No-load current (A)	0.06	0.07
Stalled current (A)	6.9	8.0
Power output at 75% no-load speed (W)	12.6	23.2

<i>Nominal gear ratios</i>		
Express passenger and mixed traffic steam locos	19/1	27/1
Secondary duty passenger and freight locos	26/1	35/1
Diesel and electric locos	11/1	15/1

Data source: Guild test (1992)

Comment:

This very powerful high speed motor was designed for a printer drive and is occasionally available from surplus traders. Operation on higher than 18 volt supply is not advised.