



GMT-500



80°C



GMT-100 with support type F

GMT-100 complete with support type M

## Construction

Single inlet, direct driven centrifugal fan. Impeller with self-cleaning blades of cast aluminium in one piece, balanced according to ISO 1940.

Casing of sheet steel welded and painted with blue powder coat. Inlet and outlet guard as a standard for GMT-80, 100, 130. Outlet guard as a standard for GMT-200, 300, 500. Impellers in steel, cast iron or brass as well as casings of galvanized or acid-proof steel can be supplied on request.

GMT-100E fan can be supplied with a support type M, an external overload protection, a 5m cable and a plug.

## Motor

220-240/380-420V, 50Hz (380-420/660-690V over 3kW) three-phase or 220-240V, 50Hz single-phase asynchronous motor with squirrel cage rotor, in accordance with IEC72 and IEC34-1. Insulation class F, enclosure IP55. Special voltage or frequency, improved enclosure IP65, 2-speed motors, explosion proof motor can be supplied on request.

Wiring diagram, see page 179.

## Accessories

Support type M for module mounting, support type F for wall mounting, suitable for GMT-100 and GMT-130. Connectors and shutters for inlet and outlet side.

| Type           | Speed<br>rpm | Motor power<br>kW | Maximum current  |                  | Voltage<br>V | Maximum duty<br>m³/h | Maximum pressure<br>Pa | Weight<br>kg | Sound level*<br>dB(A) | Article number  |
|----------------|--------------|-------------------|------------------|------------------|--------------|----------------------|------------------------|--------------|-----------------------|-----------------|
|                |              |                   | A<br>230 V<br>1~ | A<br>400 V<br>3~ |              |                      |                        |              |                       |                 |
| GMT-80T        | 2800         | 0.37              |                  | 1.20             | 230/400      | 950                  | 1180                   | 11           | 58                    | 113 240 091     |
| GMT-80E        | 2800         | 0.37              | 2.9              |                  | 230          | 950                  | 1180                   | 12           | 58                    | 113 240 081     |
| GMT-100T       | 2800         | 0.55              |                  | 1.35             | 230/400      | 1200                 | 1800                   | 11           | 76                    | 113 250 001     |
| GMT-100E       | 2800         | 0.55              | 4.0              |                  | 230          | 1200                 | 1800                   | 13           | 76                    | 113 250 501     |
|                |              |                   |                  |                  |              |                      |                        |              |                       | 113 254 002-04# |
|                |              |                   |                  |                  |              |                      |                        |              |                       | 113 254 002##   |
| GMT-130T       | 2800         | 0.75              |                  | 1.90             | 230/400      | 1500                 | 2100                   | 15           | 77                    | 113 250 801     |
| GMT-130E       | 2800         | 0.75              | 5.1              |                  | 230          | 1500                 | 2100                   | 17           | 77                    | 113 251 201     |
| GMT-200T       | 2800         | 1.1               |                  | 2.50             | 230/400      | 2300                 | 2150                   | 24           | 79                    | 113 251 601     |
| GMT-200E       | 2800         | 1.1               | 7.9              |                  | 230          | 2300                 | 2150                   | 25           | 79                    | 113 251 611     |
| GMT-300T       | 2800         | 2.2               |                  | 4.60             | 230/400      | 3100                 | 2250                   | 32           | 83                    | 113 252 001     |
| GMT-500T       | 2800         | 4.0               |                  | 7.8 Δ            | 400/690      | 5300                 | 2250                   | 52           | 89                    | 113 252 410     |
| GMT-700T       | 2800         | 7.5               |                  | 14.0 Δ           | 400/690      | 6900                 | 3350                   | 85           | 96                    | 113 252 801     |
| Support type F |              |                   |                  |                  |              |                      |                        |              |                       | 113 020 101     |
| Support type M |              |                   |                  |                  |              |                      |                        |              |                       | 113 020 001     |

# - Connection Ø100 in- and outlet

## - Complete with support type M, external overload protection, 5m cable and plug, Ø125 in- and outlet

\* - In the middle of the performance curve.

## Accessories



Protection guard outlet



Connector outlet



Protection guard inlet



