



Figure similar

MLFB-Ordering data

1PH1103-1LF10-2GA0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

| Engineering data                                 |           | Mechanical data           |  |
|--|-----------|---------------------------|--|
| Rated power                                      | 5.5 kW    | Motor type                | Squirrel cage asynchronous motor           |
| Rated speed                                      | 1500 rpm  | Shaft height              | 100  |
| Rated torque                                     | 35.0 Nm   | Cooling                   | Forced-air cooling via fan                 |
| Rated current                                    | 16.9 A    | Vibration severity grade  | Grade B                                    |
| Rated voltage                                    | 290 V     | Degree of protection      | IP54                                       |
| Maximum speed                                    | 10000 rpm | Design acc. to Code I     | IM B3 / IM V5                              |
| Maximum current                                  | 33.8 A    | Color                     | Anthracite 614 / ~ RAL7016                 |
| Power for duty type S6-25%, maximum              | 8.25 kW   | Shaft end                 | Feather key with half key balancing        |
| Standstill torque for duty type S6-25%, maximum  | 52.5 Nm   | Sound pressure level (1m) | 72 dB                                      |
| Standstill current for duty type S6-25%, maximum | 24.0 A    | Thermal class             | F  |
| Field weakening speed, max.                      | 5500 rpm  | Mounting type             | Foot-mounted                               |
| Supply voltage, max.                             | 355 V     | Encoder system            | Incremental encoder, TTL 2500 ppr (13 bit) |
| Line frequency                                   | 53.0 Hz   |                           |  |
| Ambient conditions                               |           |                           |  |

| Ambient temperature |               |
|---------------------|---------------|
| Operation           | -15 ... 40 °C |
| Storage             | -20 ... 65 °C |
| Relative humidity   |               |
| Max. operation      | 90 %          |
| Bearing, max.       | 95 %          |