



Figure similar

MLFB-Ordering data

1PH1103-1HF10-2GA0

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  |                           |                                       |
| Rated torque                                     | 35.0 Nm   | Shaft height              | 100                                   |
| Rated current                                    | 16.9 A    | Cooling                   | Forced-air cooling via fan            |
| Rated voltage                                    | 290 V     | Vibration severity grade  | Grade B                               |
| Maximum speed                                    | 10000 rpm | Degree of protection      | IP54                                  |
| Maximum current                                  | 33.8 A    | Design acc. to Code I     | IM B3 / IM V5                         |
| Power for duty type S6-25%, maximum              | 8.25 kW   | Color                     | Anthracite 614 / ~ RAL7016            |
| Standstill torque for duty type S6-25%, maximum  | 52.5 Nm   | Shaft end                 | Feather key with half key balancing   |
| Standstill current for duty type S6-25%, maximum | 24.0 A    | Sound pressure level (1m) | 72 dB                                 |
| Field weakening speed, max.                      | 5500 rpm  | Thermal class             | F                                     |
| Supply voltage, max.                             | 355 V     | Mounting type             | Foot-mounted                          |
| Line frequency                                   | 53.0 Hz   | Encoder system            | Absolute encoder single-turn (20 bit) |

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