

# Tangential blowers

## QL 4



- impeller diameter 40 mm
- airflow direction of 180° possible
- mounting position horizontal or vertical with motor at the bottom
- permissible ambient temperature 0 - 60°C
- insulation class B, class F or H on request

ebm-papst • Landshut

| Nominal data  |               | characteristic curve | rated voltage | frequency | air flow | max. pressure increase | power input | rated current | speed | mass | Dimensions mm |    |      |     |
|---------------|---------------|----------------------|---------------|-----------|----------|------------------------|-------------|---------------|-------|------|---------------|----|------|-----|
| motor right*  | motor left    |                      |               |           |          |                        |             |               |       |      | V             | Hz | m³/h | Pa  |
| QL4/0500-2112 | QL4/0005-2112 | ①                    | 230           | 50        | 18       | 13                     | 8           | 100           | 2500  | 0,40 | 126           | 51 | 50   | 60  |
| QL4/1000-2112 | QL4/0010-2112 | ②                    | 230           | 50        | 36       | 13                     | 9           | 100           | 2300  | 0,45 | 176           | 51 | 100  | 110 |
| QL4/1500-2112 | QL4/0015-2112 | ③                    | 230           | 50        | 50       | 13                     | 12          | 130           | 2150  | 0,50 | 226           | 51 | 150  | 160 |
| QL4/2000-2118 | QL4/0020-2118 | ④                    | 230           | 50        | 80       | 14                     | 14          | 140           | 2250  | 0,60 | 282           | 57 | 200  | 210 |
| QL4/2500-2118 | QL4/0025-2118 | ⑤                    | 230           | 50        | 100      | 15                     | 15          | 140           | 2200  | 0,65 | 338           | 63 | 250  | 260 |
| QL4/3000-2124 | QL4/0030-2124 | ⑥                    | 230           | 50        | 126      | 15                     | 20          | 170           | 2300  | 0,80 | 388           | 63 | 300  | 310 |

\* ) Corresponding to dimensional drawing; Technical data valid at free air flow and rated voltage; bold print = standard type; subject to alterations

### Characteristic curves

