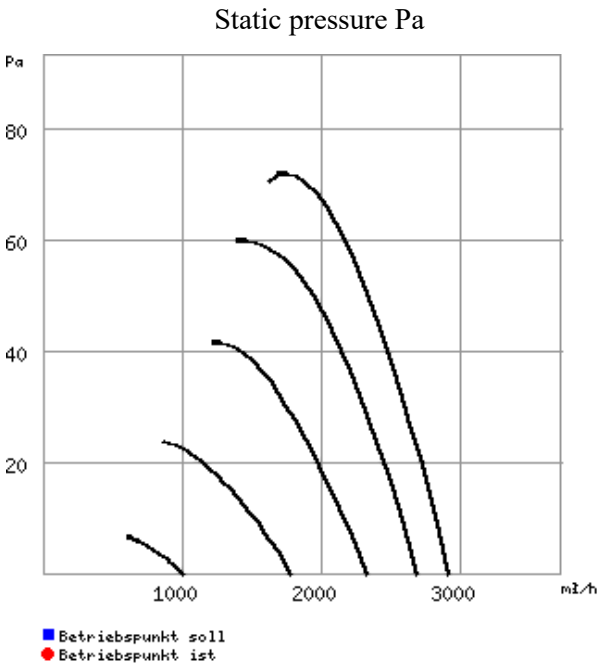


Product 1121 HQD 355/4

Image



Characteristics



Air flow volume m³/h

Properties

|                    |                                                               |       |     |     |     |    |    |    |    |
|--------------------|---------------------------------------------------------------|-------|-----|-----|-----|----|----|----|----|
| Ref.no.            | 1121 - 023                                                    |       |     |     |     |    |    |    |    |
| Model              | HQD 355/4                                                     |       |     |     |     |    |    |    |    |
| Description        | High efficiency axial fan<br>3-ph.<br>with safety guard guard |       |     |     |     |    |    |    |    |
| Actual pressure    | static                                                        |       |     |     |     |    |    |    |    |
| Actual volume      |                                                               |       |     |     |     |    |    |    |    |
| Max.Vol.           | 2900 m³/h                                                     |       |     |     |     |    |    |    |    |
| Speed              | 1375 min-1                                                    |       |     |     |     |    |    |    |    |
| FLC un-controlled  | 0.35 A                                                        |       |     |     |     |    |    |    |    |
| STC un-controlled  | 1.4 A                                                         |       |     |     |     |    |    |    |    |
| Power              | 0.13 kW                                                       |       |     |     |     |    |    |    |    |
| Voltage            | 400 V / 3 ph / 50 Hz                                          |       |     |     |     |    |    |    |    |
| Max.temp.          | 60 °C (40 °C if controlled)                                   |       |     |     |     |    |    |    |    |
| Wiring diagram no. | 469                                                           |       |     |     |     |    |    |    |    |
| Weight             | 9.50 kg                                                       |       |     |     |     |    |    |    |    |
| Delivery time      | Ex stock                                                      |       |     |     |     |    |    |    |    |
| Acoustic data:     |                                                               |       |     |     |     |    |    |    |    |
| Sound in-duct      | 55 in 4 m                                                     |       |     |     |     |    |    |    |    |
| Case breakout      |                                                               |       |     |     |     |    |    |    |    |
| Intake             | Hz                                                            | Total | 125 | 250 | 500 | 1k | 2k | 4k | 8k |
| Lwa Intake         | dB(A)                                                         | 75    | 61  | 65  | 72  | 69 | 67 | 61 | 52 |
| Lwa Extract        | dB(A)                                                         | 0     | 0   | 0   | 0   | 0  | 0  | 0  | 0  |
| Lwa Breakout       | dB(A)                                                         | 0     | 0   | 0   | 0   | 0  | 0  | 0  | 0  |

**Description**

HQD 355/4

High efficiency axial fan

3-ph.

with safety guard guard

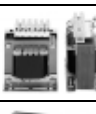
Square plate high efficiency axial fan with inlet cone, directly driven.

Square mounting plate with drawn bell mouth inlet and duct in galvanised sheet-steel and finished with two coats of paint.

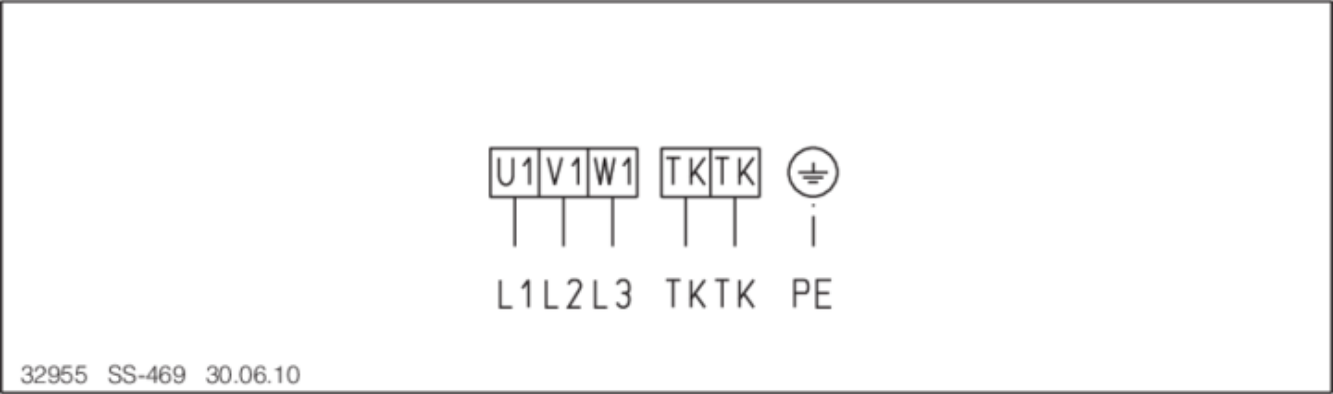
Highly efficient, profiled blade impeller from polymers, aerodynamically optimised to the application, dynamically balanced. Suitable for -30 °C to +60 °C.

Totally enclosed 3-phase squirrel cage motor with built-in thermal contacts, maintenance-free, speed controllable by voltage reduction, with low-noise sealed for life ball bearings.

## Accessories

| Image                                                                               | Ref.no. | Model     | Description                                                                    | Group |
|-------------------------------------------------------------------------------------|---------|-----------|--------------------------------------------------------------------------------|-------|
|    | 777     | EVK 355   | ELECTRICAL LOUVRE GRILLES CONTROL VIA RELAY (BY OTHERS)                        | A     |
|    | 808     | F 355     | ADAPTION PLATE FOR GRILLE                                                      | A     |
|    | 5459    | FU-BS 2,5 | Frequency inverter Basic Sinus 400V 3PH 50/60HZ 2,5A                           | R     |
| <b>Additional part to product 5459:</b>                                             |         |           |                                                                                |       |
|                                                                                     | 1437    | EDR       | Electronic pressure controller for EC and AC fans with FU 24V / 0-10V          | A     |
|                                                                                     | 1438    | ETR       | Electronic temperature controller for EC and AC fans with FU 24V / 0-10V       | A     |
|                                                                                     | 1322    | LDF 500   | PRESSURE SENSOR FOR EUR 6, 0-500 PA MESSBEREICH 0-500 PA                       | A     |
|                                                                                     | 1325    | LGF 10    | AIR FLOW SPEED SENSOR FOR EUR 6                                                | A     |
|                                                                                     | 1336    | LTA 40    | Outdoor temperature sensor to EUR 6 Temperature range: -20 to +60 °C           | A     |
|                                                                                     | 1324    | LTK 40    | DUCT TEMPERATURE SENSOR FOR EUR 6                                              | A     |
|                                                                                     | 1323    | LTR 40    | ROOM TEMPERATURE SENSOR FOR EUR 6                                              | A     |
|                                                                                     | 1737    | PA 24     | Speed potentiometer with operating status signal 24V DC, surface installation  | E     |
|                                                                                     | 1736    | PU 24     | Speed potentiometer with LED-light ring 24V DC, flush mounted                  | E     |
|                                                                                     | 4267    | SA-3 10   | Three step switch surface mounted version                                      | E     |
|                                                                                     | 4266    | SU-3 10   | Three step switch flush mounted version                                        | E     |
|                                                                                     | 9990    | WSUP      | WEEKLY AUTOTIMER WITH POTENTIAL-FREE CHANGEVER                                 | A     |
|                                                                                     | 9577    | WSUP-S    | AXIAL-HOCHLEISTUNGSVENTILATOR                                                  | A     |
|  | 5849    | MD        | FULL MOTOR PROTECTION UNIT FOR 3 PH MOTORS                                     | A     |
|  | 753     | RAG 355   | RAIN-REPELLENT GRILLE                                                          | A     |
|  | 1314    | RDS 1     | 5 STEP TRANSFORMER CONTROLLER 3 PH, 400 V, 1.0 A WITH MOTOR PROTECTION UNIT    | R     |
|  | 1594    | RHS 3+1   | Isolator switch 3 pole isolator with additional terminal, 400V                 | A     |
|  | 769     | RVK 355   | MANUAL GRILLE                                                                  | A     |
|  | 1500    | TSD 0,8   | 5 STEP TRANSFORMER CONTROLLER 3 PH, 400 V, 0.8 A                               | R     |
|  | 6516    | TSSD 1    | 1 STEP TRANSFORMERS, 3 PH 400V FOR CONTROL PANELS, MAX. 1 A CONTENTS: 2 PIECES | A     |
|  | 761     | VK 355    | GRAVITY OPERATED SHUTTER MADE FROM POLYMERS                                    | A     |
|  | 1271    | WS        | UNIVERSAL SWITCH FOR 1 + 3 PH                                                  | A     |

Wiring diagram



Dimensions

