**Axial duct fan DZR 40/42 A**

Features

Reversible. With abnormal air flow direction, air volumes are approx. 35 % lower.

Fans with the additional designation "A" with IP 55 degree of protection, degree of protection tested in accordance with DIN VDE 0530, part 5. Fans with the additional designation "D" with IP 54 degree of protection.

Moisture-proof isolation. Motors with ball bearings. Maintenance-free. Plastic powder-coated.

AC types with thermal overload protection as standard.

8-blade impeller with aerofoil profile made from fibreglass-reinforced polyamide. High efficiency, quiet.

Galvanised housing on both sides with flange and external terminal box with IP 54 degree of protection.

Flange hole in accordance with DIN 24154, page 2, 7/66, for types DZR 56/6 A and DZR 56/4 A in accordance with DIN 24154 part 2, 7/90.

Suited to installation in any position.

Pole-changing motor

Three-phase AC 400 V, 50 Hz.

Pole can be changed for two speeds.

Dahlander circuit with 1:2 speed ratio otherwise 2 separate windings.

Fans with IP 55 degree of protection.

Thermal overload protection using temperature sensors in the winding on request for surcharge.

Connections are potential-free terminal connections.

1. PTC thermistor, triggering device to be provided by the customer.

2. Thermal contacts in conjunction with the MV 25 type motor protection switch.

Quiet operation thanks to vibration-dampened motor suspension.

Available with impeller made from aluminium rather than plastic for a surcharge (see accessories) other than nominal size 45.

Technical data

|  |  |
| --- | --- |
| Article: | DZR 40/42 A |
| Air flow volume: | 4.400 m³/h / 9.500 m³/h |
| Rotating speed: | 1.425 1/min / 2.850 1/min |
| Maximum power consumption: | 300 W / 2.050 W |
| Pole-changeable: |  ✔  |
| Weight: | 22,9 |
| Packing unit: | 1 piece |
| Article number: | 0086.0446 |

Manufacturer: MAICO

DZR 40/42 A Axial duct fan