



# DC axial fans

Series 8300 U 80 x 80 x 32 mm



### Highlights:

- Motor protection against reverse polarity and locking.
- Air exhaust over struts
- Connection via 310 mm strands AWG 22, TR 64, bared and tin-plated
- Ingress protection rating of IP68

**Material:** Housing: Fiberglass-reinforced PBT composite  
 Impeller: Fiberglass-reinforced PA composite

**Direction of rotation:** Clockwise, seen on rotor

| Nominal Data |  | Air flow    | Nominal voltage | Voltage range | Sound pressure level | Sound power level | Ball bearings | Power input | Speed | Temperature range | Mass | Ingress Protection Rating | UL Approval | Curves |
|--------------|--|-------------|-----------------|---------------|----------------------|-------------------|---------------|-------------|-------|-------------------|------|---------------------------|-------------|--------|
| Type         |  | CFM         | VDC             | VDC           | dB(A)                | Bel(A)            |               | Watts       | RPM   | °C                | g    |                           |             |        |
| 8314 U       |  | <b>31.8</b> | 24              | 12...31,5     | 36                   | 5,2               | Yes           | 2,7         | 3300  | -20...75          | 210  | IP68                      | Yes         | 1      |
| 8312 HLU     |  | <b>39.4</b> | 12              | 6...15        | 43                   | 5,8               | Yes           | 4,0         | 4200  | -20...75          | 210  | IP68                      | Yes         | 2      |
| 8314 HU      |  | <b>47.1</b> | 24              | 12...28       | 48                   | 6,2               | Yes           | 6,2         | 5000  | -20...65          | 210  | IP68                      | Yes         | 3      |

### Curves

