

AC centrifugal blowers

dual inlet, Ø 250

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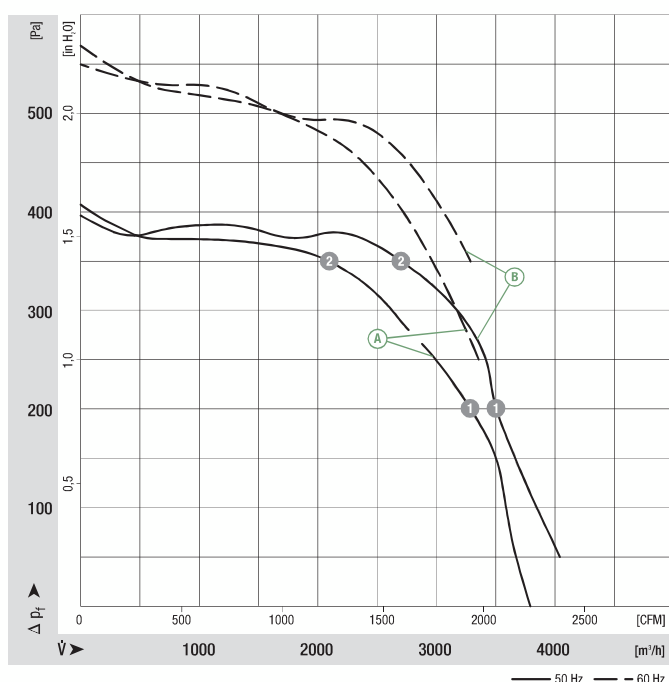


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Cast in aluminium
- **Direction of rotation:** Counter-clockwise, seen on rotor (on cable exit)
- **Type of protection:** IP 20 (acc. to EN 60527)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Design:** EW motor anti-vibration mounted on both sides
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Speed/rpm ⁽¹⁾	Max. power input ⁽¹⁾	Max. current draw ⁽¹⁾	Capacitor	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor		VAC	Hz	rpm	W	A	µF/VDB	Pa	°C	p. 596 f.
D4D 250	M4D 094-LA	A	3~ 400 Y	50	1240	1140	2.10	—	0	-40 to +60	D1)
			3~ 400 Y	60	1410	1210	2.20	—	250	-40 to +45	
D4D 250 ⁽²⁾	M4D 094-LA	B	3~ 400 Y	50	1200	1270	2.30	—	50	-40 to +45	D1)
			3~ 400 Y	60	1410	1270	2.20	—	350	-40 to +45	

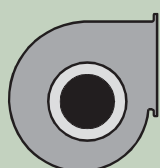
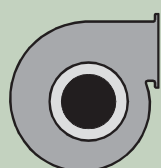
subject to alterations (1) Nominal data in operating point with maximum load (2) Data collected via exhaust duct (step diffuser, 1 m length)

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
A 1	1320	875	1.73	71
A 2	1410	481	1.21	65
B 1	1280	1001	1.89	72
B 2	1370	675	1.43	69

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Axial
- **Protection class:** I (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Options:** 400 VAC Δ/Y for two speed steps available on request, mounting brackets on request



Mass of
centrifugal blower

Dimensions

Centrifugal blower with flange	Centrifugal blower with flange (large)	kg	C	D	E	S	U
D4D 250-BA02 -01	—	16.7	218.0	190.0	167.0	90.0	198.0
—	D4D 250-CA02 -01	16.7	313.0	285.0	262.0	180.0	293.0

