

AC centrifugal fans

backward curved, 3-D, Ø 560



- **Material:** Impeller: Sheet aluminium, welded
Rotor: Cast in aluminium
- **Number of blades:** 9
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54 (in accordance with EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Shaft horizontal or rotor on bottom; rotor on top on request
- **Condensate discharge holes:** Rotor-side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data

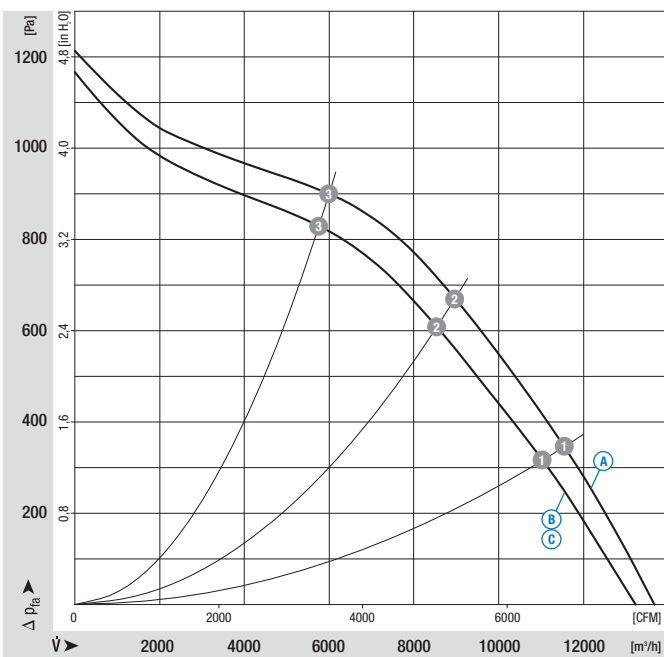
Type	Motor	Curve	Nominal voltage VAC	Frequency Hz	Speed ⁽¹⁾ rpm	Max. power input ⁽¹⁾ kW	Max. current draw ⁽¹⁾ A	Capacitor µF/VDB	Perm. amp. temp. °C	Electr. connection p. 127
R4D 560 ⁽²⁾	M4D 138-NA	A	3~ 480 Y	60	1610	3.80	5.85	—	-40 to +60	D1)/D2)
		B	3~ 400 Y	60	1520	3.50	6.05	—	-40 to +60	
		C	3~ 230 Δ	60	1520	3.50	10.46	—	-40 to +60	

subject to alterations

⁽¹⁾ Nominal data in operating point with maximum load

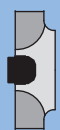
⁽²⁾ 230 VAC Δ / 400 VAC Y / 480 VAC Y

Curves

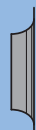


	n [rpm]	P ₁ [kW]	I [A]	L _{wa} [dB(A)]
A 1	1630	3.50	5.49	88
A 2	1610	3.80	5.85	85
A 3	1630	3.40	5.34	86
B 1	1550	3.25	5.65	86
B 2	1520	3.50	6.05	84
B 3	1550	3.16	5.51	84
C 1	1550	3.25	9.79	86
C 2	1520	3.50	10.46	84
C 3	1550	3.16	9.54	84

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Lateral
- **Protection class:** I (in accordance with EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** UL, VDE (in accordance with EN 60034)



Mass of centrifugal fan



Centrifugal fan

kg

Inlet nozzle (long)

R4D 560-AW03-01

29.0

63071-2-4013

