

AC centrifugal fans

backward curved, 3-D, Ø 560

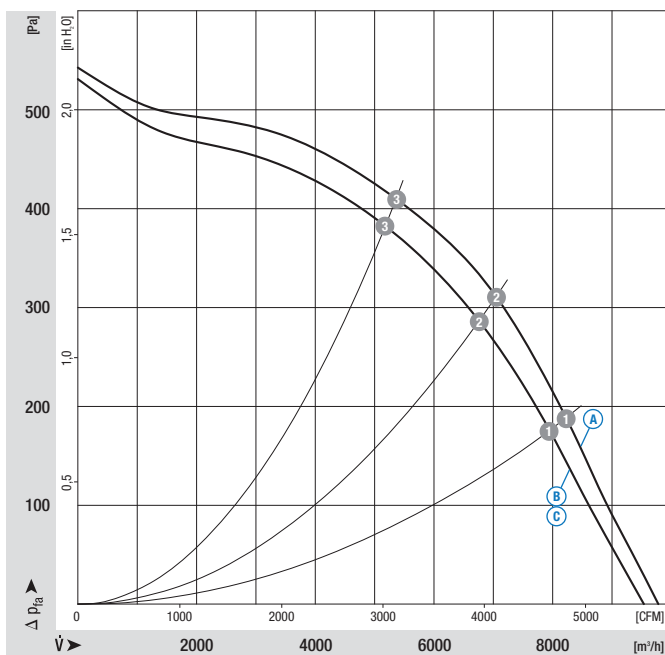


- **Material:** Impeller: Sheet aluminium, welded
Rotor: Cast in aluminium
- **Number of blades:** 9
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54 (in accordance with EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Shaft horizontal or rotor on bottom;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

Nominal data		Curve	Nominal voltage	Frequency	Speed ⁽¹⁾	Max. power input ⁽¹⁾	Max. current draw ⁽¹⁾	Capacitor	Perm. amp. temp.	Electr. connection
Type	Motor	VAC	Hz	rpm	kW	A	µF/VDB	°C	p. 127	
R6D 560 ⁽²⁾	M6D 138-HF	A 3~ 480 Y	60	1100	1.33	2.55	—	-40 to +70	D1)/D2)	
		B 3~ 400 Y	60	1050	1.22	2.40	—	-40 to +70		
		C 3~ 230 Δ	60	1050	1.22	4.15	—	-40 to +70		

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	1110	1.19	2.32	76
A 2	1100	1.33	2.55	75
A 3	1100	1.30	2.41	76
B 1	1080	1.09	2.20	75
B 2	1050	1.22	2.40	75
B 3	1060	1.19	2.34	75
C 1	1080	1.09	3.81	75
C 2	1050	1.22	4.15	75
C 3	1060	1.19	4.05	75

- **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)
R6D 560-AT03 -01	25.0	63071-2-4013

