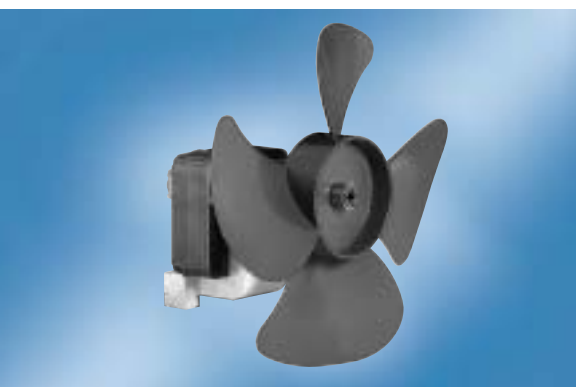


# Axial blowers

AL



Shaded pole motors of the EM21, EM25 and EM30 series can be combined with axial plastic impellers. For standard applications, this makes for low cost, powerful solutions. The suitable motor/impeller combination depends on the technical requirements and must be determined in each case.

For better efficiency, the preferred direction of air flow should be blowing over motor.

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Nominal data	dimensional drawing	Ø diameter	Ø d (shaft)	material	air flow	max. pressure increase	reference speed	recommended motors
	d	D	d	Pa	m <sup>3</sup> /h*	Pa	min <sup>-1</sup>	
①	80	3,0/3,17	ABS	46	22	2000	EM21, EM25	
①	90	3,0/3,17	ABS	54	24	2000	EM21, EM25	
①	100	3,0/3,17	ABS	72	34	2000	EM25	
②	108	4,0/4,5	PA 6 GV	105	28	2000	EM25	
③	153	4,0/4,5/6,0	PA 6.6 GV	235	70	2000	EM25, EM30	
④	175	4,5	PA 6.6 GV	255	82	2000	EM25, EM30	

\*) measuring conditions see drawing, real performance depends on motor power (speed under load) and mounting situation; subject to alterations

