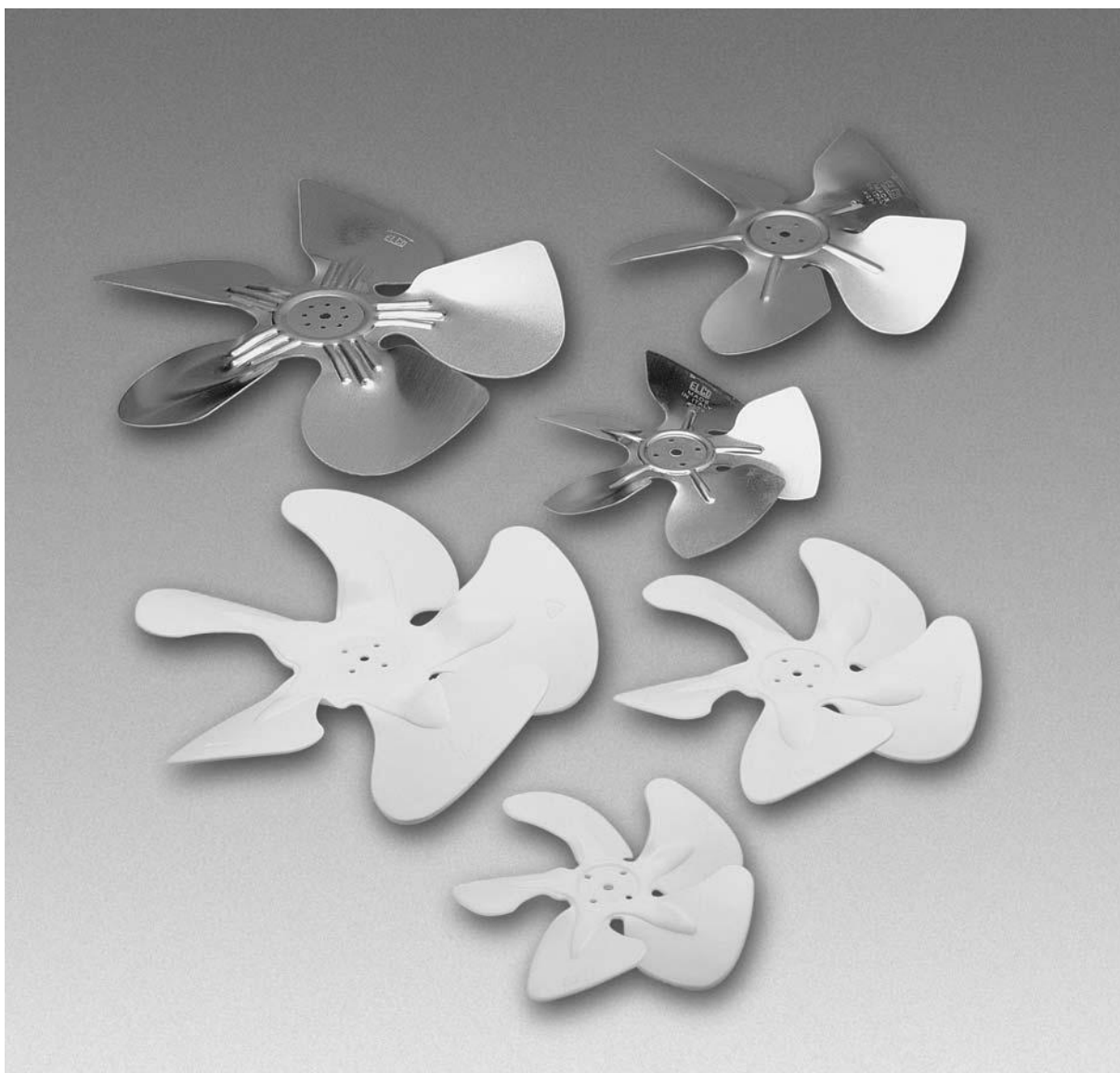


VENTOLE

FAN BLADES

La gamma di ventole assiali a 5 pale comprende le versioni in alluminio (aspiranti e prementi) nei Ø 154, 172, 200, 230, 254, 275, 300 con inclinazioni comprese tra 19° e 34°, e in materiale termoplastico (solo aspiranti) nei Ø 154, 172, 200, 230, 254 e con inclinazioni definite.

The range of 5 bladed axial fans includes aluminium models, sucking and blowing, in the following diameters Ø 154, 172, 200, 230, 254, 275, 300, pitches available from 19° up to 34° and thermoplastic models, sucking only, Ø 154, 172, 200, 230, 254 and specific pitches are available.



VENTOLE

FAN BLADES

In questa tabella sono indicati i limiti per l'accoppiamento ottimale fra motori e ventole.

N.B.:

Per ogni diametro di ventola è indicata l'inclinazione massima sopportabile dal motore, per non superare i limiti di temperatura imposti dalla classe di isolamento "B" ad un valore di prevalenza di 2 mmH₂O.

In this table you have the limits for the motor / fan blade couplings.

P.D.:

For each fan blade diameter the maximum motor inclination is indicated, not to exceed the temperature limits imposed by "B" insulation class to a 2 mmH₂O value.

Ventole in plastica - Limite di accoppiamento motore/ventola Plastic fan blades - Motor/fan coupling limits

Motore Motor	VN 5-13		VN 10-20		VNT 16-25		VNT 25-40		VNT 34-45		Ø Ventola Fan blade
Freq. Hz	50	60	50	60	50	60	50	60	50	60	
α (°) max	28	28									154
	31	31									172
	34	34	34	34							200
			31	31	31	31					230
					28	28	28	28			254

Ventole in alluminio - Limite di accoppiamento motore/ventola Aluminium fan blades - Motor/fan coupling limits

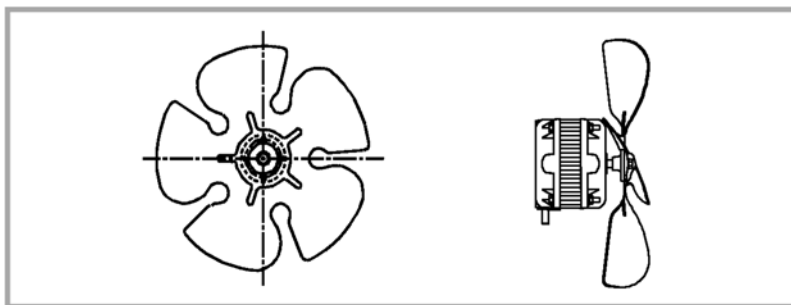
Motore Motor	VN 5-13		VN 10-20		VNT 16-25		VNT 25-40		VNT 34-45		Ø Ventola Fan blade
Freq. Hz	50	60	50	60	50	60	50	60	50	60	
α (°) max	34	34									154
	34	34	34	34							172
	34	34	34	34							200
	25	22	34	28	34	34					230
			28	22	34	28	34	34			254
					25	22	31	31	34	28	300

CURVE DI PORTATA MOTORE CON VENTOLA IN PLASTICA

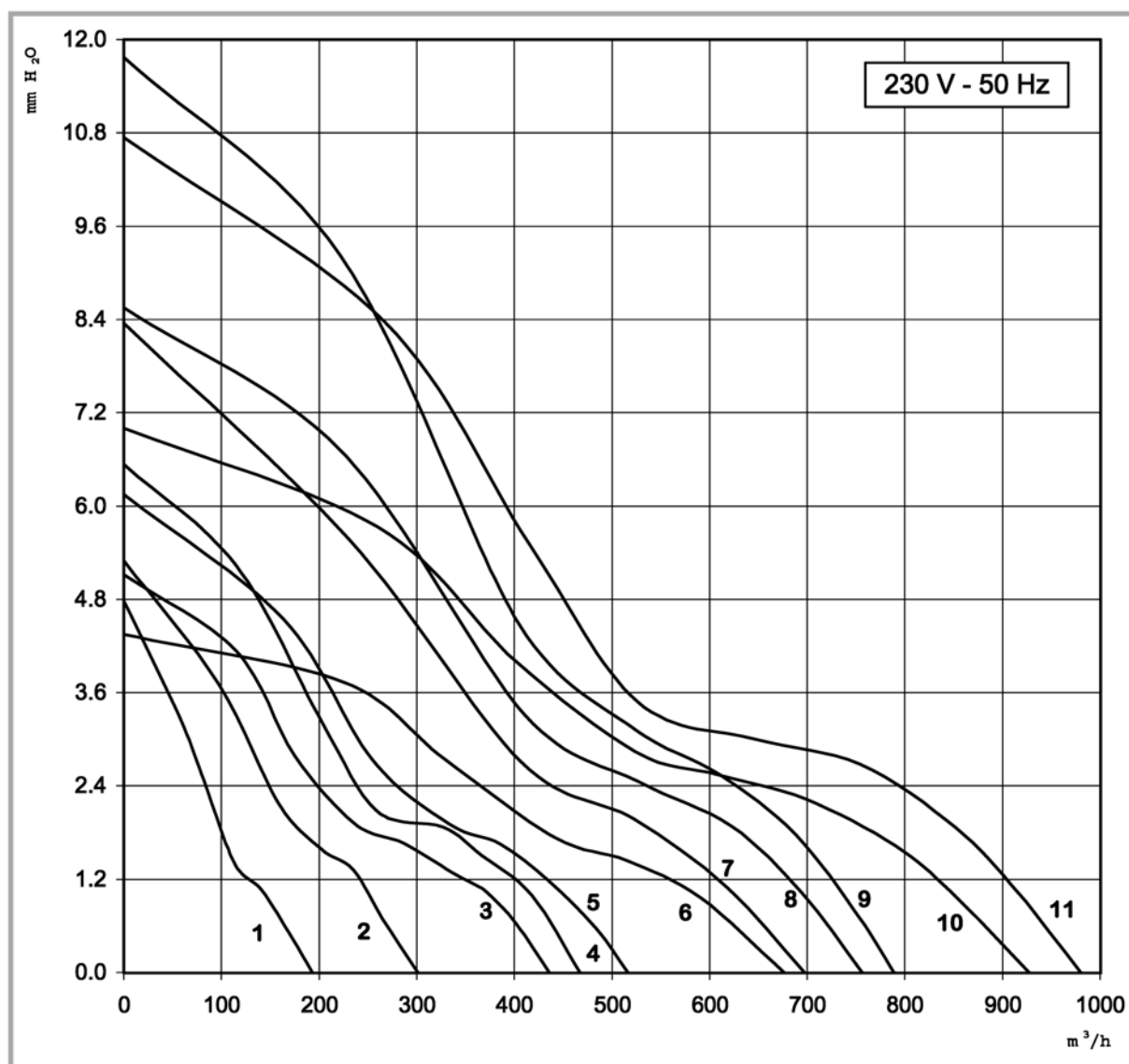
AIR FLOW PERFORMANCE MOTOR WITH PLASTIC FAN BLADE

Le curve sotto riportate indicano le prestazioni aerauliche per i più comuni accoppiamenti motore/ventola in plastica.

The under-drawn curves show the airflow performance for the most common motor/plastic blade couplings.



- 1** = VN 5-13 + Ø 154x28°
- 2** = VN 5-13 + Ø 172x31°
- 3** = VN 5-13 + Ø 200x28°
- 4** = VN 10-20 + Ø 200x28°
- 5** = VN 10-20 + Ø 200x34°
- 6** = VN 10-20 + Ø 230x31°
- 7** = VNT 16-25 + Ø 230x31°
- 8** = VNT 16-25 + Ø 254x22°
- 9** = VNT 25-40 + Ø 254x22°
- 10** = VNT 16-25 + Ø 254x28°
- 11** = VNT 25-40 + Ø 254x28°

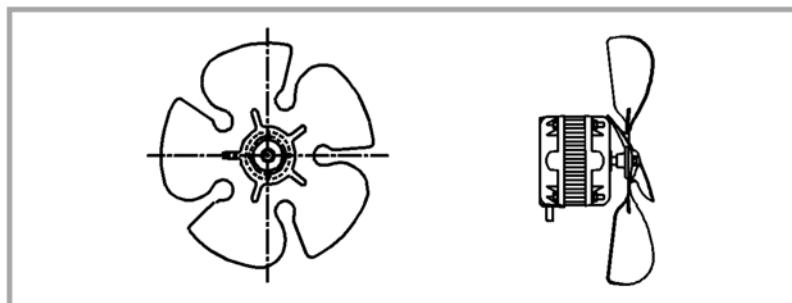


CURVE DI PORTATA MOTORE CON VENTOLA IN ALLUMINIO

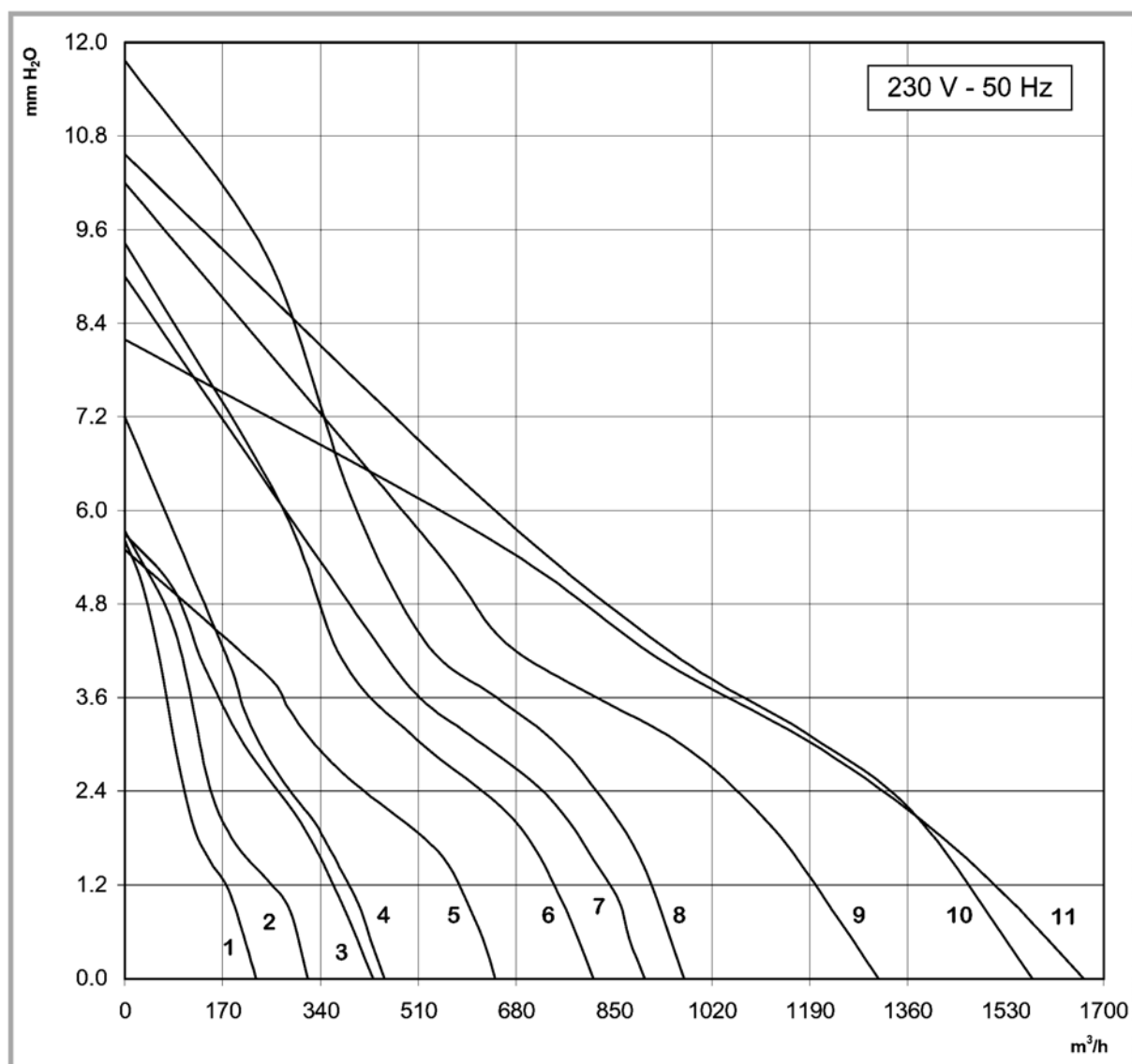
AIR FLOW PERFORMANCE MOTOR WITH ALUMINIUM FAN BLADE

Le curve sotto riportate indicano le prestazioni aerauliche per i più comuni accoppiamenti motore/ventola in alluminio.

The under-drawn curves show the airflow performance for the most common motor/aluminium blade couplings.



- 1 = VN 5-13 + Ø 154x34°
- 2 = VN 5-13 + Ø 172x34°
- 3 = VN 5-13 + Ø 200x28°
- 4 = VN 10-20 + Ø 200x28°
- 5 = VN 10-20 + Ø 230x28°
- 6 = VNT 16-25 + Ø 230x34°
- 7 = VNT 16-25 + Ø 254x28°
- 8 = VNT 25-40 + Ø 254x28°
- 9 = VNT 25-40 + Ø 300x22°
- 10 = VNT 34-45 + Ø 300x28°
- 11 = VNT 34-45 + Ø 300x34°

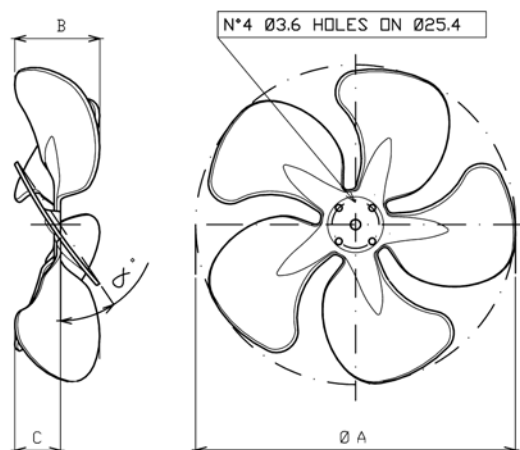


VENTOLE PLASTICA ASPIRANTI

Tavola di identificazione
delle ventole in plastica.
Campo di impiego
-30°C +80°C.

PLASTIC FAN BLADES SUCKING

Selection table
for plastic fan blades.
Temperature range
-30°C +80°C.



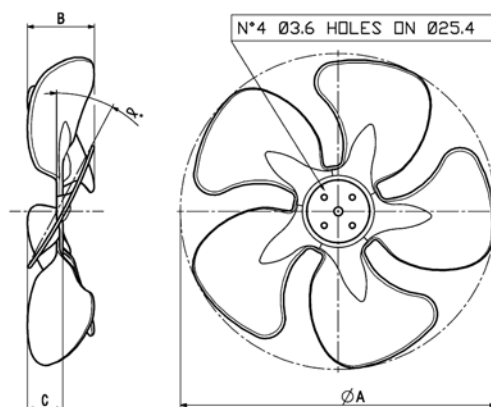
Ø A		154	172	200	230	254
22°	Part Number					4VEA008
	B					47
	C					25
	Packing					170
25°	Part Number				4VEA013	
	B				46	
	C				23	
	Packing				180	
28°	Part Number	4VEA012		4VEA009	4VEA018	4VEA007
	B	34		44	49	56
	C	19		27	23,5	32
	Packing	226		180	160	140
31°	Part Number		4VEA011		4VEA006	
	B		40		52	
	C		24		28	
	Packing		220		170	
34°	Part Number			4VEA010		
	B			51		
	C			29		
	Packing			170		

VENTOLE PLASTICA PREMENTI

Tavola di identificazione
delle ventole in plastica.
Campo di impiego
-30°C +80°C.

PLASTIC FAN BLADES BLOWING

Selection table
for plastic fan blades.
Temperature range
-30°C +80°C.



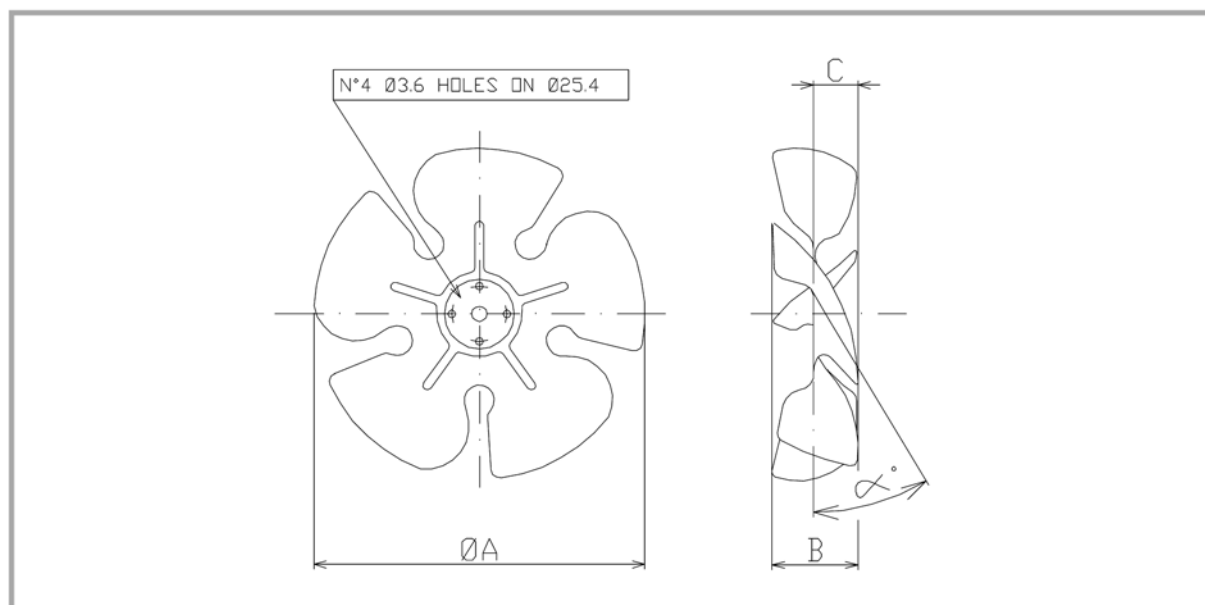
Ø A		154	172	200	230	254
19°	Part Number	4VEP001				4VEP007
	B	26				39
	C	14				25
	Packing	260				160
22°	Part Number					
	B					
	C					
	Packing					
25°	Part Number					4VEP006
	B					46
	C					21
	Packing					130
28°	Part Number					
	B					
	C					
	Packing					
31°	Part Number			4VEP003		
	B			47,5		
	C			28		
	Packing			175		

VENTOLE ALLUMINIO ASPIRANTI

Tavola di identificazione
delle ventole in alluminio
versione aspirante.

ALUMINIUM FAN BLADES SUCKING

Selection table
for aluminium fan blades
sucking version.



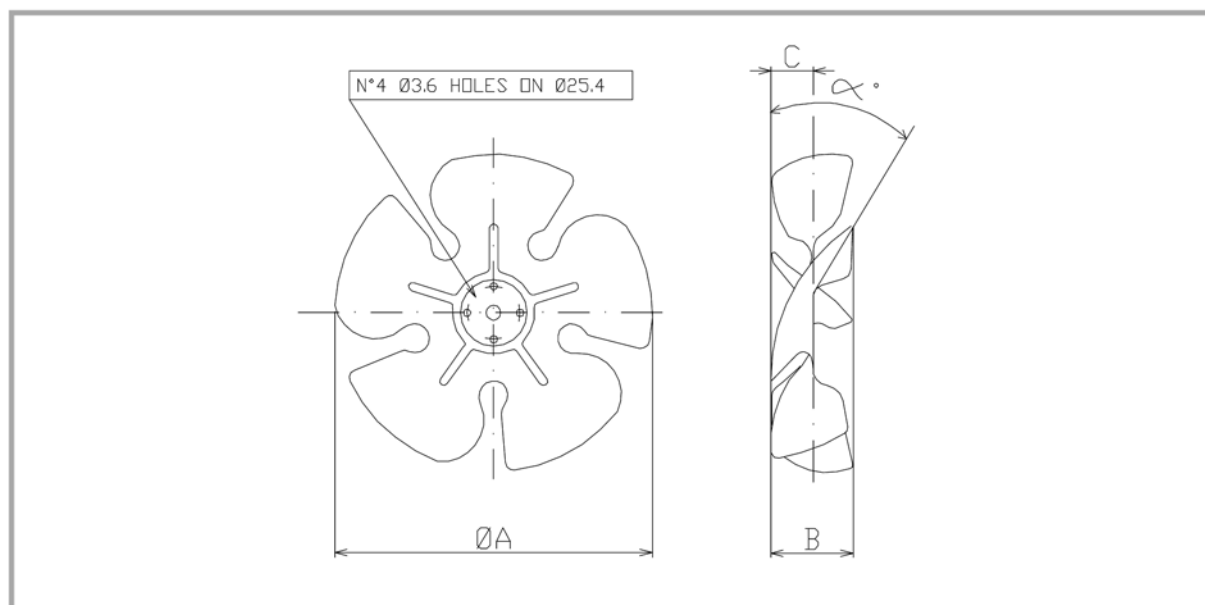
$\varnothing A$		154	172	200	230	254	300
19°	Part Number	4012309	4012298	4012200	4012148	4012259	4012258
	B	24	25	26	28	29	35
	C	13	15	15	16	16	23
	Packing	50	50	50	50	45	30
22°	Part Number	4012002	4012005	4012009	4012013	4012015	4012018
	B	27	28	30	33	34	41
	C	15	15	15	20	20	25
	Packing	50	50	50	50	45	30
25°	Part Number	4012256	4012257	4012220	4012149	4012255	4012262
	B	31	31	33	37	38	45
	C	17	16	16	22	22	28
	Packing	50	50	50	50	50	20
28°	Part Number	4012003	4012006	4012010	4012038	4012132	4012019
	B	34	35	37	41	42	54
	C	17	17	18	24	24	29
	Packing	50	50	50	50	50	20
31°	Part Number	4012004	4012299	4012011	4012014	4012016	4012020
	B	37	39	41	46	46	55
	C	18	18	20	26	27	31
	Packing	50	50	50	40	40	20
34°	Part Number	4012310	4012300	4012201	4012150	4012261	4012263
	B	40	42	44	50	51	63
	C	21	21	23	29	30	33
	Packing	50	50	50	40	40	20

VENTOLE ALLUMINIO PREMENTI

Tavola di identificazione
delle ventole in alluminio
versione premente.

ALUMINIUM FAN BLADES BLOWING

Selection table
for aluminium fan blades
blowing version.



Ø A		154	172	200	230	254	300
19°	Part Number	4012530	4012540	4012510	4012344	4012342	
	B	24	25	26	28	29	
	C	13	15	15	16	16	
	Packing	50	50	50	40	40	
22°	Part Number	4012531	4012541	4012511	4012321	4012322	50121002
	B	27	28	30	34	35	40
	C	15	15	15	20	20	23
	Packing	50	50	50	40	30	20
25°	Part Number	4012532	4012542	4012512	4012345	4012347	50121009
	B	31	31	33	39	40	49
	C	15	16	16	22	22	29
	Packing	50	50	50	25	25	20
28°	Part Number	4012533	4012543	4012513	4012324	4012325	50121003
	B	34	35	37	43	44	57
	C	17	17	18	24	24	34
	Packing	50	50	50	25	25	20
31°	Part Number	4012534	4012544	4012514	4012346	4012323	
	B	37	39	41	47	48	
	C	18	18	20	26	27	
	Packing	40	40	40	20	20	
34°	Part Number	4012535	4012545	4012515	4012329	4012328	50121005
	B	40	42	44	52	53	65
	C	21	21	23	29	30	35
	Packing	40	40	40	20	20	15