

**MOTOR + FAN BLADE PAIRING (COUPLING)**  
**& Technical Details**

**For Aluminium Blade**

<u>Part No.</u>	<u>Motors</u> <u>(In Watts)</u> <u>(In HP)</u>	<u>Blade Dia +</u> <u>Pitch</u> <u>(Inch)</u>	<u>Watt</u> <u>In</u>	<u>Watt</u> <u>Out</u>	<u>Air Flow</u> <u>Cm<sup>3</sup>h</u>	<u>Static Pressure</u> <u>mm H<sub>2</sub>O</u>	<u>Current</u> <u>(amp)</u>
Motor N 05-13 / 100	5 Watts (1/110 HP)	154 - 28° (6")	5	32	233	5.0	0.26
		172 - 28° (7")			340	5.2	
Motor N 10-20 / 107	10 Watts (1/83 HP)	200 - 28° (8")	10	38	483	7.2	0.35
		230 - 28° (9")			700	5.0	
Motor N 16-30 / 013	16 Watts (1/35 HP)	254 - 28° (10")	16	65	980	9.0	0.50
		300-22° (12")			1100	8.5	
Motor N 25-40 / 481	25 Watts (1/20 HP)	254 - 28° (10")	25	65	1000	12.0	0.68
		300 - 28° (12")			1500	10.1	
Motor N 34-45 / 014	34 Watts (1/10 HP)	300 - 34° (12")	34	120	1700	8.4	0.87

**For Plastic Blade**

<u>Part No.</u>	<u>Motors</u> <u>(In Watts)</u> <u>(In HP)</u>	<u>Blade Dia</u> <u>+ Pitch</u> <u>(Inch)</u>	<u>Watt In</u>	<u>Watt</u> <u>Out</u>	<u>Air Flow</u> <u>Cm<sup>3</sup>h</u>	<u>Static</u> <u>Pressure</u> <u>mm H<sub>2</sub>O</u>	<u>Current</u> <u>(amp)</u>
Motor N 05-13 / 100	5 Watts (1/110 HP)	154 - 28° (6")	5	32	200	4.8	0.26
		200 - 28° (8")			425	5.0	
Motor N 10-20 / 107	10 Watts (1/83 HP)	200 - 28° (8")	10	38	475	6.5	0.35
		230 - 28° (9")			680	4.2	
Motor N 16-30 / 013	16 Watts (1/35 HP)	254 - 28° (10")	16	65	925	6.8	0.50

**Note : Speed (RPM) for all the motors will be 1300 RPM**