

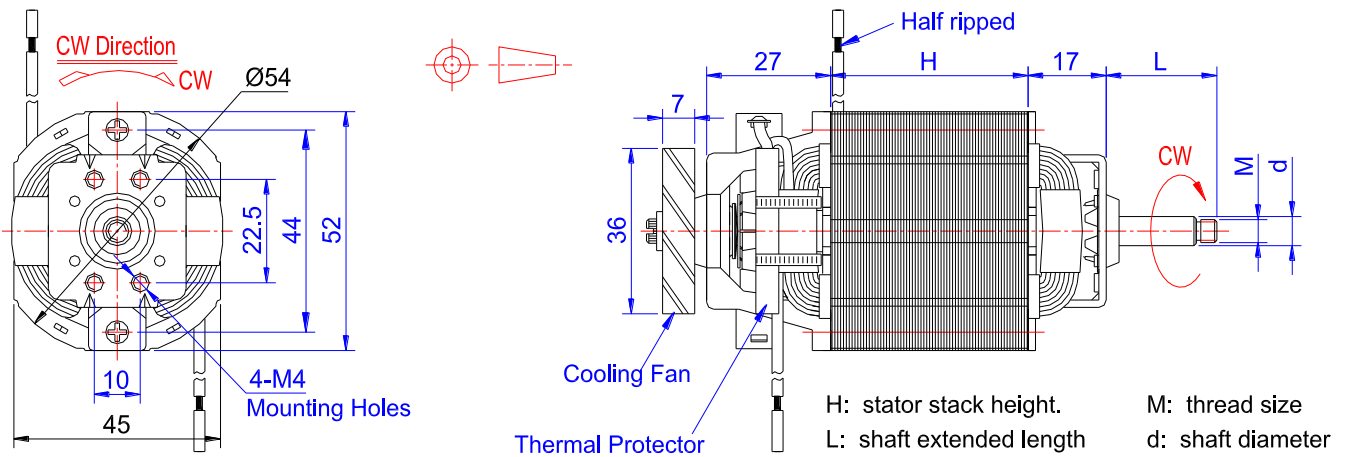
Brief Introduction :

1. The rated voltage (frequency) can be 100-240 VAC (50, 60, or 50/60Hz).
2. The shaft diameter (d) can be: $\varnothing 4.5\text{mm}$, $\varnothing 5\text{mm}$ or $\varnothing 6.35\text{mm}$, with D-cuts, threads, etc., and the shaft length (L) can be any as needed.
3. The stator stack height (H) can be any from 10mm to 50mm.
4. The brackets can be made either by steel sheet or by zinc-aluminum alloy.
5. The bearing can be either of sleeve bearings or of ball bearings as needed.
6. The rotation of the motor can be either in CW or in CCW as needed.
7. Thermal protector or fuse are both available for over-heating protection.
8. Chokes or capacitors are both available for EMI purpose.
9. The motor complies with IEC60034-1 standard. RoHS compliant is available.

Typical Applications :

Hairdryer, portable duster, soya milk machine, blender, mixer, juicer, slicer, etc

Outline Dimensions (All dimensions in millimeter) :



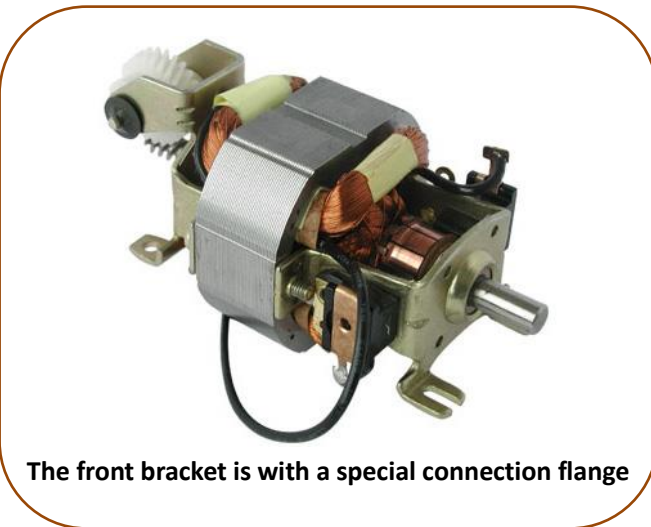
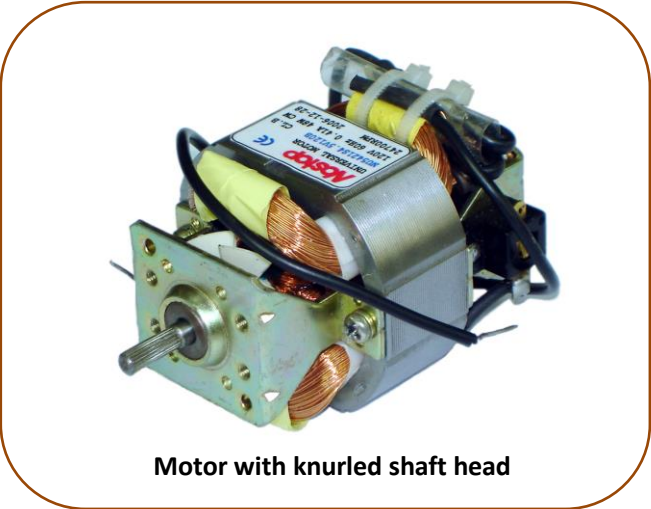
Remarks: the above dimensions in **black color** can't be changed. All others can be changed as needed.

Technical Performances (tested under room temperature) :

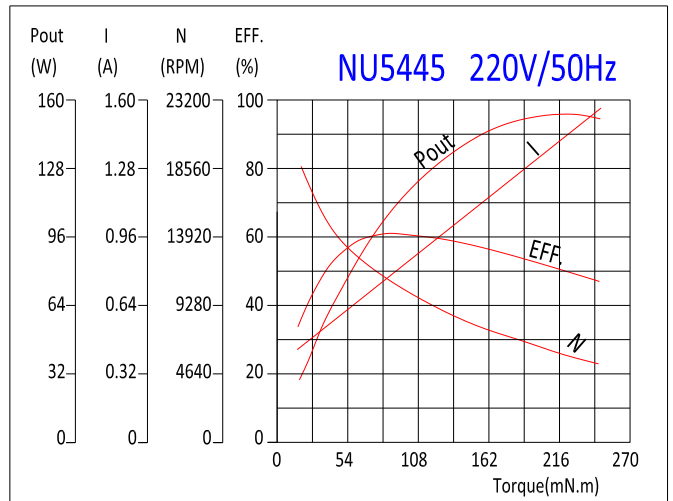
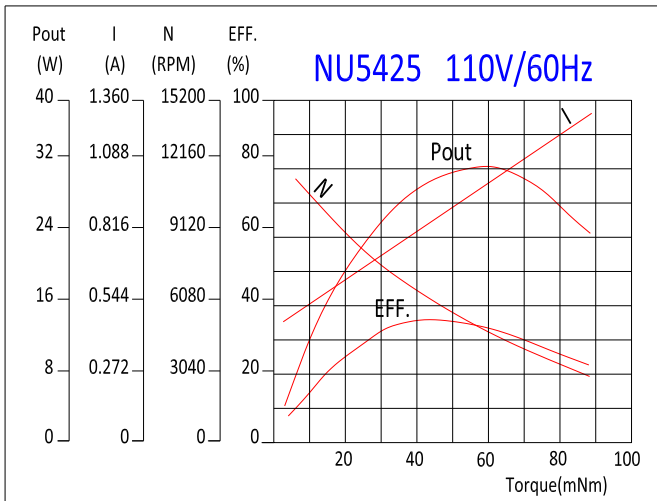
Specs	Stack Height (mm)	Rated Supply		No Load			At Max. Efficiency.				Most Typical Applications
		Volt. (VAC)	Freq. (Hz)	Current (Amp)	Speed (rpm)	Power (Watts)	Current (Amp)	Speed (rpm)	Power (Watts)	Torque (mNm)	
NS5410	10	120	60	0.40	31000	48	0.90	14250	95	25	Hairdryer
		230	50	0.20	36400	46	0.83	16353	92	28	
NS5415	15	115	60	0.51	33880	58	1.00	17000	120	35	Stick blender
		230	50	0.34	28000	78	0.74	13800	160	36	
NS5421	21	100	60	0.58	24700	68	1.38	12200	130	47	Coffee Grinder
		120	60	1.70	31673	203	2.44	24200	106	15	Spa
		230	50	0.35	28600	80	0.78	15900	175	53	Slicer, Coffee Grinder
		230	50	0.30	37700	69	0.85	18100	190	57	Hand Vacuum
NS5425	25	110	60	0.48	14500	53	0.87	6731	96	44	Slicer, Duster
		230	50	0.26	14500	60	0.45	6625	104	41	Blender, Mixer, etc
NS5430	30	120	60	1.46	29300	172	2.53	13200	288	112	Blender, Mixer, etc
		230	50	0.45	30000	110	1.20	17400	260	70	Slicer, Hand Blender
NS5435	35	120	60	0.96	27000	115	2.18	14723	252	104	Soya Bean Machine ...
		230	50	0.37	24000	85	0.82	12000	188	80	
NS5440	40	120	60	2.34	22585	279	4.22	14380	493	178	Blender, Grinder, ...
		220	60	0.45	21000	95	1.00	13000	200	84	
NS5445	45	120	60	0.70	27000	84	1.46	15100	175	60	Electric hand tools
		230	50	0.37	24500	85	0.96	9970	221	118	

Remarks: This catalog listed just some typical models. The performances as above are just for reference only. We can adjust our motor specifications according to what the customer needs. OEM & ODM are both welcome.

Pictures of other types of brackets and shapes :



Characteristics Curve of Some Typical Models (for references only) :



Remarks: This catalog listed just some typical models. The performances as above are just for reference only. We can adjust our motor specifications according to what the customer needs. OEM & ODM are both welcome.