



### Brief Introduction :

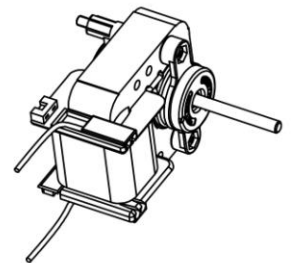
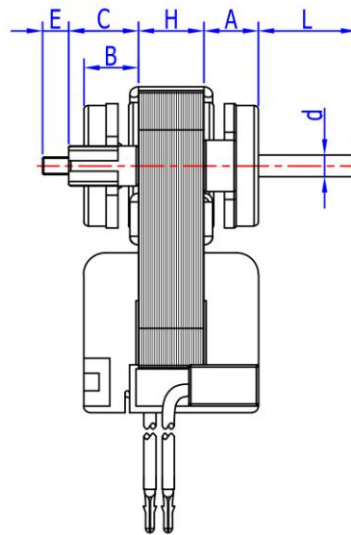
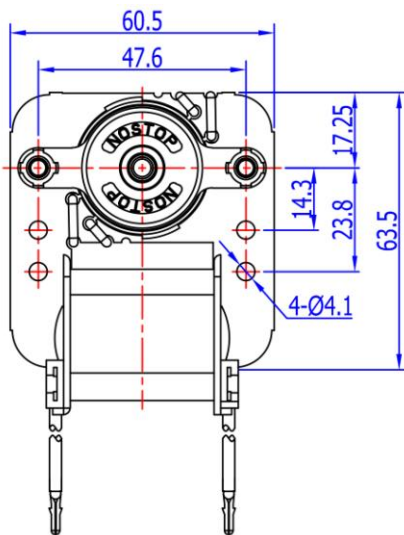
1. The rated voltage and the frequency can be any as needed.
2. The output power of the motor can be from 1 - 25W (approx.).
3. The shaft diameter (d) can be:  $\varnothing 3.17$ ,  $\varnothing 4$ ,  $\varnothing 4.5$ ,  $\varnothing 5$ ,  $\varnothing 5.5$ ,  $\varnothing 6$ ,  $\varnothing 6.35$ mm, with D-cuts, threads, etc., and the shaft length (L) can be any as needed.
4. The stator thickness (H) can be any from 8mm to 50mm.
5. The bearing can be either sleeve or ball bearing as needed.
6. The brackets can be made either by steel or by zinc-aluminum alloy.
7. Motor rotation can be either CW or CCW as needed.
8. RoHS compliant is available. Lead out by terminals is also available

### Typical Application :

Air-conditioner, Air-purifier, Air Pump, Blower, Fan Heater, Hand-dryer, Humidifier, Oven, Ventilator, Water Pump, etc

### Outline Dimensions (All dimensions in millimeter) :

UL File No.: E326620



Indication of Letters:

- A: Front Bracket Height
- B: Rear Bracket Height
- C: Raising Pole Height
- D: Shaft Diameter
- E: Mounting Screw Ex. Length
- H: Stator Stack Height
- L: Shaft Extended Length

**Remarks:** only the dimensions marked in letters are changeable as needed. Other dimensions are fixed.

### Technical Performances (tested under room temperature) :

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Specs Model	Stack Height (H) (mm)	Rated Supply		No Load			At Max. Efficiency.				At Stall	
		Volt. (VAC)	Freq. (Hz)	Current (Amp)	Speed (rpm)	Power (Watts)	Current (Amp)	Speed (rpm)	Power (Watts)	Torque (mNm)	Current (Amp)	Power (Watts)
NSP6312	12	230	50	0.115	2750	11.7	0.119	1960	15.6	7.0	0.125	15.4
NSP6313	13	120	60	0.409	3378	18.7	0.445	2792	23.2	14.8	0.502	26.7
		120	60	0.500	3320	23.6	0.543	2366	31.7	12.6	0.570	32.5
NSP6315	15	230	50	0.230	2750	20.0	0.250	1612	27.2	18.3	0.250	27.5
		120	60	0.610	3400	26.3	0.850	2400	41.5	21.5	0.700	34.0
NSP6318	18	220	50	0.362	2800	31.0	0.412	2530	12.5	28.7	0.448	50.8
		120	60	0.632	3436	30.1	0.830	2864	40.3	26.7	0.787	41.5
NSP6322	22	220	50	0.193	2850	18.0	0.245	2450	21.0	12.3	0.287	31.3
		120	60	0.322	3500	17.8	0.420	2800	27.6	19.0	0.522	33.6
NSP6338	38	240	50	0.921	2900	83.0	1.650	2500	94.1	50.8	1.280	148.2
		120	60	1.570	3500	80.7	1.962	2775	124.6	88.3	2.300	138.0

**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.