

Brief Introduction :

This is a geared motor based on a gearbox mounted to a shaded pole motor. The motor can be changed to other types with the same mounting holes distance, and the gear reduction ratio can also be changed as need to reach a torque upto 34 Nm or 300 lb.in. All the gears are made from molded powder metal or carbon steel with high tolerance and strong ability of break-resistance. The gearbox is made from zinc-aluminum alloy. Output shaft is especially hardened.

We also have some other size gearboxes available. OEM and ODM are both welcome.

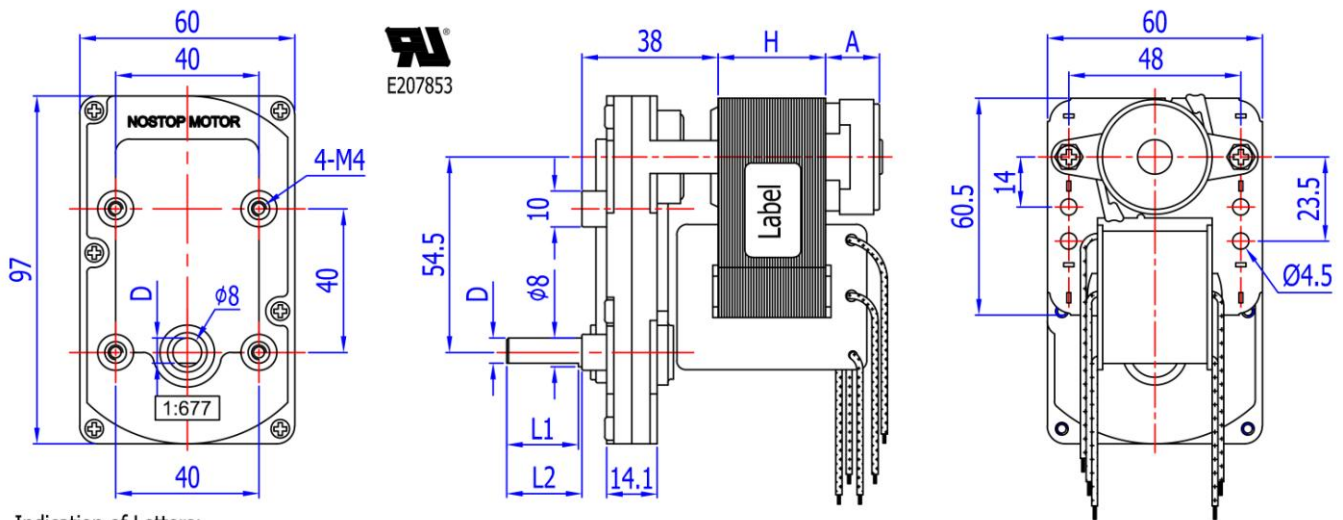


Typical application :

These motors are widely used for **Vending Machine, Commercial Water Softeners, Valve Actuators, Ice-maker, Restaurant and Food Equipment, Packaging Equipment, Gaming Coffee brewing Systems, Banking System, Agricultural equipment, etc.**

Outline Dimensions :

UL File No.: E207853



Indication of Letters:

A: Rear Bracket Height

H: Motor Stator Stack Height

D: D-cut thickness

L1: D-cut Length

L2: Shaft Extended Length

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

Performances (tested under room temperature) :

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Specifications Motor Models	Rated Supply		No Load			At Max. Efficiency				Gearbox Reduction Ratio
	Volts	Freq'y	Current	Speed	Power	Current	Speed	Power	Torque	
	(VAC)	(Hz)	(Amp)	(rpm)	(Watts)	(Amp)	(rpm)	(Watts)	(mNm)	
NSP6030V120B	120	60	0.32	3350	20	0.34	2910	23.5	16	-
NSP6030V120B-G355	120	60	0.33	9.50	21	0.35	8.40	24.0	545	1:355
NSP6030V220A	220	60	0.16	3350	19	0.17	2870	20.2	14	-
NSP6030V220A-G355	220	60	0.16	9.5	19	0.18	8.40	20.3	469	1:355
NSP6030V110B	110	60	0.33	3400	22	0.35	2910	24.0	16	-
NSP6030V110B-G677	110	60	0.34	4.97	23	0.36	4.35	25.0	1121	1:677
NSP6030V220A	220	50	0.19	2800	23	0.25	2260	27.0	23	-
NSP6030V220A-G677	220	50	0.20	4.17	24	0.26	3.35	28.0	1630	1:677

Remarks:

This catalog listed just some typical models of some typical reduction ratios. The performances can be adjusted according to the customers' needs. OEM & ODM are both welcome.