

Motors and Fans for the HVAC & Refrigeration Industry



NU SERIES Shaded Pole Motor

Widely used in industrial and commercial refrigeration for condensing and evaporating units, freezers, food and beverage coolers, bottle coolers, walk-in and reach-in coolers and ventilating units.

Innovative: The result of 60 years of research and development.

Optimized performances: Suitable for all angle operation. Multiple mounting features. Wide choice of fan blades and shrouds for best airflow.

3 Year Limited Warranty

Features

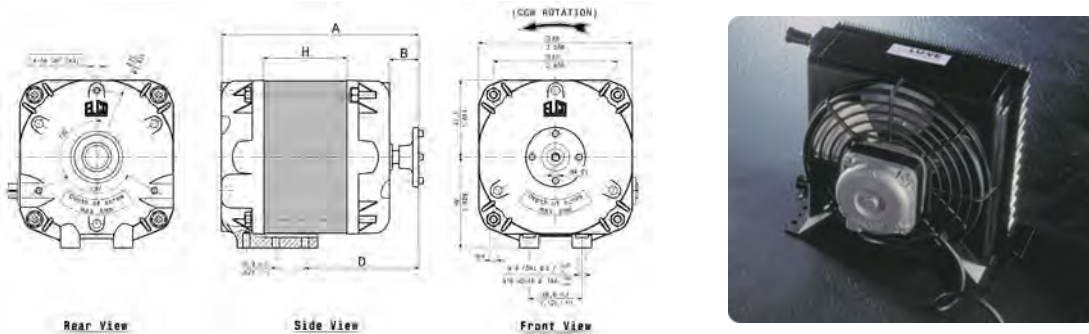
Type	AC / shaded pole / 4 poles / single speed
Range	From 1/375 HP to 1/20 HP (2 to 34 watts)
Voltage	115V or 230V, 50-60 Hz
Enclosure	Totally enclosed
Bearings	Self lubricating and self aligning long life Sintec sleeve bearings (Ball bearings on request).
Duty	Continuous, Air Over.
Insulation/protection	Class B. Impedance or Thermally protected.
Operation	Standard operating temperatures: -40° F to 104° F (-40° C to 40° C).
Mounting	Rear cored UNF #8-36: tapped holes on 2.835" (72mm) bolt circle: [3] @ 120° & [2] @ 180°, [4] holes on single bottom boss (for condensing unit V-Type brackets) and [4] front screws for shroud/guard mounting.

Accessories

Fan Blades

Diameter:	5 sizes from 6" (154mm) to 12" (300mm). 5 blades-axial.
Construction:	Aluminum and plastic (on specific models). Suction (pull) and blow (push)
Pitch Available:	Standard stock: 22, 28, 34° - also 19, 25, 31° on request
Other Accessories:	Wide range of guards and shrouds available.

NU Series - Sub-Fractional Shaded Pole Motor



Part Number	Model NU	Output Watts	Input Volt	Input Amp	Prot.	RPM @ 60Hz	Blade Dia. In.	Blade Pitch	Air Flow (CFM) @ 0 in. static	Air Flow (CFM) @ 0.1 in. static	Dimensions				
											Units	H	A	B	D
NUT6B04ZUN301	4-13-1	4	115	0.36	Imp.	1550	6"	28	137	69	mm	13	71.5	12.5	42
NUT6B04ZUN201	4-13-3		230	0.18			7"	31	209	134					
NUT6B05PUN301	5-13-2	5	115	0.4	TH	1550	6"	28	128	76	in.	0.51	2.82	0.49	1.65
NUT6B05PUN201	5-13-4		230	0.2			8"	34	155	98					
NUT6B06ZUN301	6-20-1	6	115	0.41	Imp.	1550	7"	31	206	119	mm	20	77.5	12.5	48
NUT6B06ZUN201	6-20-3		230	0.2			8"	28	306	220					
NUT6B09PUN301	9-20-2	9	115	0.58	TH	1550	8"	22	262	186	in.	0.79	3.05	0.49	1.89
NUT6B09PUN201	9-20-4		230	0.35			9"	28	325	240					
NUT6B16PUN301	16-30-2	16	115	1	TH	1550	9"	28	476	395	mm	30	91.5	16	62
NUT6B16PUN201	16-30-4		230	0.5				31	490	410					
NUT6B25PUN301	25-45-2	25	115	1.5	TH	1550	10"	22	549	482	mm	45	106.5	15.5	61
NUT6B25PUN201	25-45-4		230	0.75				28	673	598					
NUT6B34PUN301	34-45-2	34	115	1.6	TH	1550	12"	19	796	697	in.	1.77	4.19	0.61	2.4
NUT6B34PUN201	34-45-4		230	0.8				28	1024	785					

Airflow data @ 60Hz. Above motor / fan blade combinations are limited to applications with maximum operating temperature of 104°F (40°C) and with 0.1in. of w.c. static pressure drop. For different conditions please contact an Elco engineer for approval. RPM are nominal.

Mounting: Single boss, front shroud, rear (3) #8-36 holes @ 120deg.
 Std. Cord: 21"/23" lead length with #10 ring studs
 Custom design can be provided

Rotation: CCW Shaft end, CW Lead end
 Packing: Single, bulk or OEM packing
 Specifications may change without notice