



Single Phase NEMA 56C
 Rolled Steel Frame Motors.
 Totally Enclosed Fan Cooled.

- 0.33 HP to 2 HP
- 115/208-230V
- Class F insulation
- Locked drive-end bearing
- 1.15 service factor
- Belt drive or close coupled applications
- Feet welded to motor
- Black paint
- 1 year warranty

HP	RPM	Frame	Voltage	P/N	List	FL Amps	C Dim. (IN)	LBS
0.33	3600	56C	115-208/230V	SS2N.33-1C	\$215	2.6	11.9	23
	1800	56C	115-208/230V	SS4N.33-1C	\$294	2.4	11.9	22
0.50	3600	56C	115-208/230V	SS2N.50-1C	\$263	3.3	11.9	26
	1800	56C	115-208/230V	SS4N.50-1C	\$347	3.2	11.9	23
0.75	3600	56C	115-208/230V	SS2N.75-1C	\$311	4.3	13.07	30
	1800	56C	115-208/230V	SS4N.75-1C	\$427	4.4	13.07	25
1	3600	56C	115-208/230V	SS2N001-1C	\$360	5.4	13.07	36
	1800	56C	115-208/230V	SS4N001-1C	\$446	5.6	13.07	40
1.5	3600	56C	115-208/230V	SS2N1.5-1C	\$449	6.9	14.45	45
	1800	56C	115-208/230V	SS4N1.5-1C	\$521	6.7	14.45	48
2	3600	56C	115-208/230V	SS2N002-1C	\$543	9	14.45	40
	1800	56C	115-208/230V	SS4N002-1C	\$639	8.9	14.45	50

Discount Category **05**

Single Phase
 Fractional 56/56C
 NEMA Aluminum
 NEMA Cast Iron
 NEMA Explosion Proof
 Close Coupled Pump Motor
 NEMA 2 Speed Motor
 NEMA Brake Motor

Single Phase

Fractional
56/56C

NEMA
Aluminum

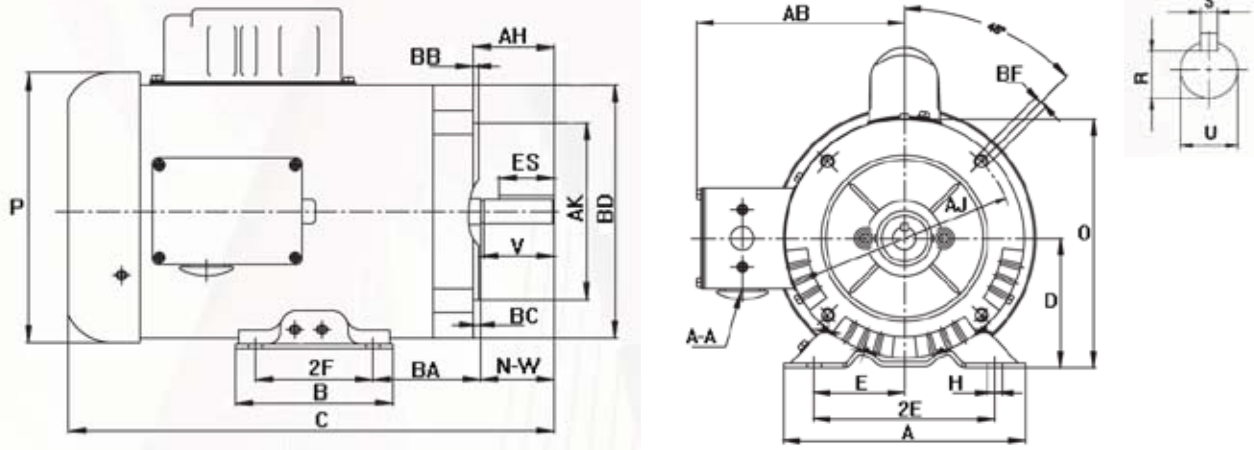
NEMA
Cast Iron

NEMA
Explosion Proof

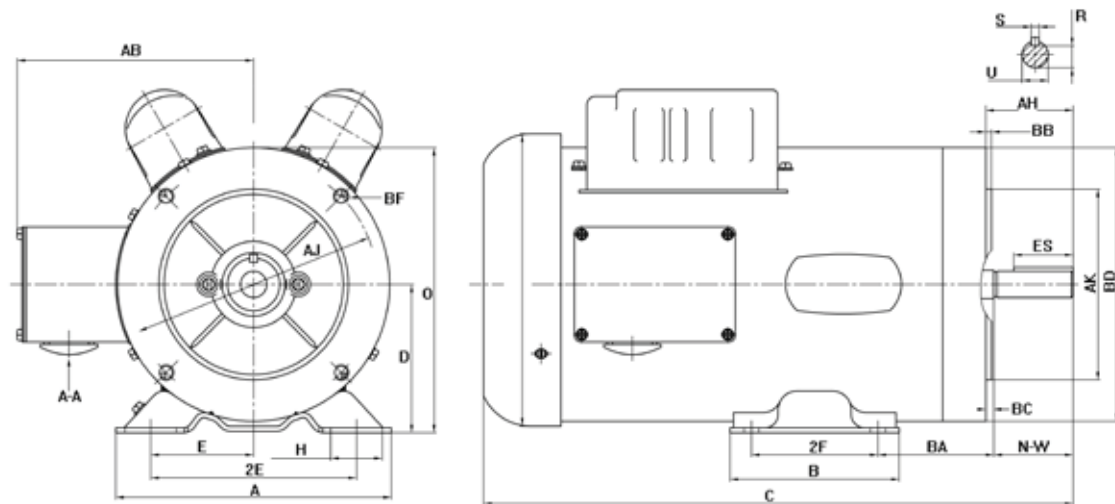
Close Coupled
Pump Motor

NEMA
2 Speed Motor

NEMA
Brake Motor



Note: 0.33 - 1 HP



Note: 1.5 - 2 HP

Frame	AB	BA	MAX A	MAX B	D	E	2F	N-W	O	P	R	S	U
56C	5.6	2.75	6.5	4.2	3.5	2.44	3	1.875	6.7	7.08	0.517	0.188	0.625

MIN ES	MIN AA	BF	MAX BB	MAX BD	BC	AH	AJ	AK
1.41	1/2	3/8-16	0.16	6.5	0.19	2.06	5.875	4.5

**Definition
IP (Ingress Protection)
IEC Metric Motors**



Protection Against Solid Objects			Protection Against Liquids		
#	Brief Description*	Definitions	#	Brief Description*	Definitions
0	Non-protected machines	No special protection	0	Non-protected machines	No special protection
1	Machine protected against solid objects greater than 50 mm**	Accidental or inadvertent contact with or approach to live and moving parts inside the enclosure by a large surface of the human body, such as a hand (but no protection against deliberate access). Ingress of solid objects exceeding 50 mm in diameter	1	Machine protected against dripping water	Dripping water (vertically falling drops) shall have no harmful effect.
2	Machine protected against solid objects greater than 12 mm**	Contact by fingers or similar objects not exceeding 80 mm in length with or approach to live or moving parts inside the enclosure. Ingress of solid objects exceeding 12 mm in diameter.	2	Machine protected against dripping water when tilted up to 15°	Vertically dripping water shall have no harmful effect when the machine is tilted in any angle up to 15° from its normal position
3	Machine protected against solid objects greater than 2.5 mm**	Contact with or approach to live or moving parts inside the enclosure by tools or wires exceeding 2.5 mm in diameter. Ingress of solid objects exceeding 1 mm in diameter.	3	Machine protected against spraying water	Vertically dripping water shall have no harmful effect when the machine is tilted in any angle up to 15° from its normal position
4	Machine protected against solid objects greater than 1mm**	Contact with or approach to live or moving parts inside the enclosure by wires or strips of thickness greater than 1 mm in diameter.	4	Machine protected against splashing water	Water falling as a spray at any angle up to 60° from the vertical shall have no harmful effect
5	Dust-protected machine†	Contact with or approach to live or moving parts inside the enclosure. Ingress of dust is not totally prevented but dust does not enter insufficient quantity to interfere with satisfactory operation of the machine.	5	Machine protected against water jets	Water projected by a nozzle against the machine from any direction shall have no harmful effect.
6	Dust-tight machine†	Contact with or approach to live or moving parts inside the enclosure. No ingress of dust	6	Machine protected against heavy seas	Water from heavy seas or water projected in powerful jets shall not enter the machine in harmful quantities.

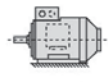
* The brief description given in column 2 on this table should not be used to specify the form of protection.

** Machines assigned a first characteristic number 1,2,3 or 4 will exclude both regularly or irregularly shaped solid objects proved that three normally per pendicular dimensions of the object exceed the appropriate figure in column "Definition".

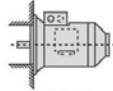
† The degree of protection against dust defined by this standard is a general one. When the nature (dimensions of particles, their nature, for instance fibrous particles) is specified, test conditions should be determined by an agreement between manufacturer and user.

IEC Mounting Codes

Horizontal shaft:



IM B3
IM 1001
foot mounted



IM B5
IM 3001
flange at DE
no feet



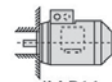
IM B6
IM 1051
foot wall mounted with
feet on left-hand side
when viewed from DE



IM B7
IM 1061
foot wall mounted with
feet on right-hand side
when viewed from DE

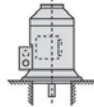


IM B8
IM 1071
ceiling mounted
with feet
above motor

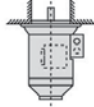


IM B14
IM 3601
face at DE
no feet

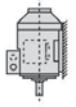
Vertical shaft:



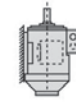
IM V1
IM 3011
flange at DE
shaft down
no feet



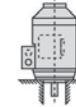
IM V3
IM 3031
flange at DE
shaft up
no feet



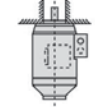
IM V5
IM 1011
vertical foot
wall mounted
shaft down



IM V6
IM 1031
vertical foot
wall mounted
shaft up



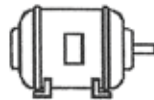
IM V18
IM 3611
face at DE
shaft down
no feet



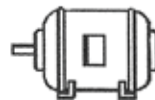
IM V19
IM 3631
face at DE
shaft up
no feet

NEMA Mounting Codes

FLOOR MOUNTINGS



ASSEMBLY F-1



ASSEMBLY F-2

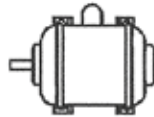


ASSEMBLY F-3

WALL MOUNTINGS



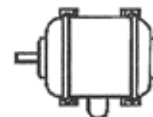
ASSEMBLY W-1



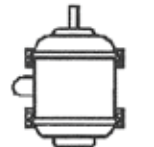
ASSEMBLY W-2



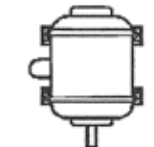
ASSEMBLY W-3



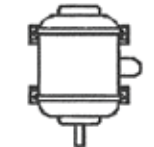
ASSEMBLY W-4



ASSEMBLY W-5



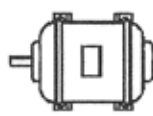
ASSEMBLY W-6



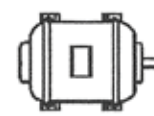
ASSEMBLY W-7



ASSEMBLY W-8



ASSEMBLY W-9



ASSEMBLY W-10



ASSEMBLY W-11



ASSEMBLY W-12

CEILING MOUNTINGS



ASSEMBLY C-1



ASSEMBLY C-2



ASSEMBLY C-3