



# AC MOTOR NOMENCLATURE GUIDE

## A3 SERIES (THREE PHASE)

GUIDE ONLY. ALL COMBINATIONS MAY NOT BE DESIGNED OR AVAILABLE

**MOTOR TYPE** \_\_\_\_\_ **A3** **XX** - **X** **XX** **X** **XX**  
A3 = 3PH, AIR OVER

**MOTOR DIAMETER** \_\_\_\_\_  
29 = 3.0 INCH 38 = 3.8 INCH  
34 = 3.4 INCH 45 = 4.5 INCH

**STACK LENGTH** \_\_\_\_\_  
A = 0.25 - 0.39 IN F = 1.51 - 1.65 IN  
B = 0.40 - 0.60 IN H = 1.66 - 1.75 IN  
C = 0.59 - 0.90 IN J = 1.76 - 2.00 IN  
D = 0.91 - 1.20 IN K = 2.10 - 2.25 IN  
E = 1.21 - 1.50 IN

**VOLTAGE** \_\_\_\_\_  
02 = 115 V 50/60 Hz  
03 = 230 or 220 V, 50/60 Hz  
76 = 460 V 50/60 Hz

**SPEED (POLES)** \_\_\_\_\_  
M = HALF (4 pole)  
H = FULL (2 pole)  
L = LOW (6 pole)

**NON-STANDARD** \_\_\_\_\_

XX = E/M VARIATIONS / FEATURES, INCLUDING SPECIAL SHAFT, BEARINGS, MOUNTING, TERMINATION (HARNESS), LEAD LENGTH, ETC., NOT SAFETY RELEVANT \*Except "Z". SEE CODES BELOW.

A = SPECIAL SHAFT  
B = SPECIAL MOUNTING  
C = REVERSE ROTATION (CW VIEWED FROM SHAFT END)  
D = BI-DIRECTIONAL \*Altered construction requiring agency evaluation.  
E = N/A  
F = GEAR BOX  
H = HIGH SLIP  
J = TWO SPEED  
K = THREE SPEED  
L = FULL SPEED WITH LOW REDUCED SPEED (NOT FOR NEW DESIGNS. USE J FOR TWO SPEED)  
M = SPECIAL MULTIPLE SPEEDS  
N =  
P = COLOR OF HOUSING (IF NOT COMAIR STD)  
Q =  
R =  
S =  
T =  
U = AUGMENTED COOLING (UMBRELLA FAN OR EQUIVALENT)  
V =  
W =  
X = SPECIAL  
Y =  
Z = HIGHER POWER FOR SAME STACK CONFIGURATION \*Altered construction requiring agency evaluation.

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