



## AC Three-phase Motors - IE4/IE3/IE2/IE1

### TWO SPEED MOTORS

- Reliability and efficiency in a well-designed robust package
- Extensive customization options ensure motors match application needs



## TECHNICAL DATA

Motor Type

AMV 90L BA6/8 - 0.75/0.3 kW - 6/8 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 90L BA
Poles	6/8
kW	0.75/0.3
HP	1.0/0.4
rpm	940/720
Mn Nm	7.6/4
$\eta$ 100%	64.0/45.5
cos Phi	0.67/0.52
$I_N$ 400V	2.5/1.85
$I_N$ 380-420V	2.7/1.9
$I_A/I_N$	3.4/2.6
$M_A/M_N$	2.2/1.9
J $10^{-3}$ kgm <sup>2</sup>	4.78
kg	16.2

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6205/2Z
<b>Lubrication grease</b>	low & high temperature grease
<b>Regreasing device horizontal</b>	permanent lubrication
<b>Regreasing device vertical</b>	permanent lubrication
<b>Cooling</b>	IC 411
<b>Vibration Level</b>	A (normal)
<b>Noise Lpa db(A)</b>	46

## Electrical Data

<b>Voltage</b>	400V - 50Hz
<b>Connection</b>	SEPARATE WINDINGS