



### 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 90S AA4/6 - 0.75/0.24 kW - 4/6 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 90S AA
Poles	4/6
kW	0.75/0.24
HP	1/0.32
rpm	1400/950
Mn Nm	5.1/2.4
$\eta$ 100%	70/60
cos Phi	0.82/0.72
$I_N$ 400V	1.9/0.8
$I_N$ 380-420V	2/0.9
$I_A/I_N$	4.2/2.6
$M_A/M_N$	1.6/1.3
J $10^{-3}$ kgm <sup>2</sup>	4.05
kg	14.0

## 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>	49

## Electrical Data

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