



## 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 71Z AA4/2 - 0.08/0.37 kW - 4/2 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 71Z AA
Poles	4/2
kW	0.08/0.37
HP	0.11/0.5
rpm	1350/2870
Mn Nm	0.6/1.2
$\eta$ 100%	60/64
cos Phi	0.65/0.68
$I_N$ 400V	0.3/1.3
$I_N$ 380-420V	0.35/1.4
$I_A/I_N$	3.2/4.3
$M_A/M_N$	2/2.8
J $10^{-3}$ kgm <sup>2</sup>	0.82
kg	7.9

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6203/2Z
<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>	52

## Electrical Data

<b>Voltage</b>	400V - 50Hz
<b>Connection</b>	DAHLANDER - Y/YY