



### 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 AA4/6 - 0.25/0.08 kW - 4/6 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 71Z AA
Poles	4/6
kW	0.25/0.08
HP	0.33/0.11
rpm	1370/900
Mn Nm	1.7/0.4
$\eta$ 100%	60/40
cos Phi	0.8/0.7
$I_N$ 400V	0.75/0.4
$I_N$ 380-420V	0.8/0.45
$I_A/I_N$	3/2.5
$M_A/M_N$	1.6/1.6
J $10^{-3}$ kgm <sup>2</sup>	1.15
kg	6.7

## 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>	42

## Electrical Data

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