



### 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 80Z AA8/4 - 0.12/0.55 kW - 8/4 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 80Z AA
Poles	8/4
kW	0.12/0.55
HP	0.16/0.75
rpm	685/1420
Mn Nm	1.7/3.7
$\eta$ 100%	50/69
cos Phi	0.6/0.74
$I_N$ 400V	0.58/1.53
$I_N$ 380-420V	0.65/1.6
$I_A/I_N$	1.9/3.3
$M_A/M_N$	1.4/1.5
J $10^{-3}$ kgm <sup>2</sup>	2.47
kg	9.2

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6204/2Z
<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>	48

## Electrical Data

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