



### 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 AA4/2 - 0.15/0.75 kW - 4/2 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 80Z AA
Poles	4/2
kW	0.15/0.75
HP	0.2/1
rpm	1400/2710
Mn Nm	1/2.6
$\eta$ 100%	70/68
cos Phi	0.68/0.8
$I_N$ 400V	0.45/1.9
$I_N$ 380-420V	0.45/2
$I_A/I_N$	2.6/4.6
$M_A/M_N$	2.8/2.9
J $10^{-3}$ kgm <sup>2</sup>	1.58
kg	8.3

## 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>	60

## Electrical Data

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