



## 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 BA8/4 - 0.18/0.75 kW - 8/4 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 80Z BA
Poles	8/4
kW	0.18/0.75
HP	0.25/1
rpm	660/1380
Mn Nm	2.6/5.2
$\eta$ 100%	53/67
cos Phi	0.73/0.81
$I_N$ 400V	0.65/1.9
$I_N$ 380-420V	0.7/2
$I_A/I_N$	2/3.5
$M_A/M_N$	1.6/1.7
J $10^{-3}$ kgm <sup>2</sup>	2.41
kg	10.6

## 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