



### AC Three-phase Motors - IE4/IE3/IE2/IE1

### PREMIUM EFFICIENCY MOTORS - IE3/CURUS

- IE3 Premium Efficiency compliant since 2010
- Total reliability and longevity in a well-engineered package
- Enhanced designs to meet today's challenges and market needs



## TECHNICAL DATA

Motor Type

AMPH 90S AA6 - 0.75 kW - 6 poles - 460V - 60Hz

## PERFORMANCE DATA

Type	AMPH 90S AA
Poles	6
kW	0.75
HP	1
rpm	1155
Mn Nm	6.2
$\eta$ 50%	78.5
$\eta$ 75%	81.8
$\eta$ 100%	82.5
cos Phi	0.58
$I_N$	2.05
$I_A/I_N$	4.5
$M_A/M_N$	1.8
$M_S/M_N$	1.7

<b>M<sub>K</sub>/M<sub>N</sub></b>	2.1
<b>J 10<sup>-3</sup> kgm<sup>2</sup></b>	6.0
<b>kg</b>	18.1

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6205/2Z
<b>Lubrication grease</b>	low & high temperature grease
<b>Regreasing device horizontal</b>	permanent lubrication
<b>Regreasing device vertical</b>	permanent lubrication
<b>Grease Quantity</b>	-
<b>Cooling</b>	IC 411
<b>Vibration Level</b>	A (normal)
<b>Noise Lpa db(A)</b>	46

## Electrical Data

<b>Voltage</b>	460V - 60Hz
<b>Connection</b>	YY/Y 230/460V - ? 460V
<b>Duty type</b>	S1
<b>Thermal protection</b>	na
<b>Insulation class</b>	F
<b>Direction of rotation</b>	bidirectional
<b>Ambient temperature</b>	-20°C / +40 °C
<b>Altitude</b>	1000 m.a.s.l.