



**Motori Asincroni Trifase - IE4/IE3/IE2/IE1**

**MOTORI PREMIUM EFFICIENCY - IE3/CURUS**

- Motori IE3 Premium Efficiency già dal 2010
- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



**TECHNICAL DATA**

Motor Type

**PERFORMANCE DATA**

Type	AMPE 280S G
Poles	6
kW	45
HP	30
rpm	985
Mn Nm	436.3
$\eta$ 50%	91.8
$\eta$ 75%	93.7
$\eta$ 100%	93.7
cos Phi	0.85
$I_N$	78.6
$I_A/I_N$	7.3
$M_A/M_N$	2.0
$M_S/M_N$	2.0

<b><math>M_K/M_N</math></b>	2.0
<b>J 10<sup>-3</sup> kgm<sup>2</sup></b>	1390
<b>kg</b>	501

## Mechanical Data

<b>Design</b>	Cast iron
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6317 C3
<b>Lubrication grease</b>	low & high temperature grease
<b>Regreasing device horizontal</b>	6.000 hours
<b>Regreasing device vertical</b>	6.000 hours
<b>Grease Quantity</b>	35 gr
<b>Cooling</b>	IC 411
<b>Vibration Level</b>	A (normal)
<b>Noise Lpa db(A)</b>	71

## Electrical Data

<b>Voltage</b>	
<b>Connection</b>	
<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.