



Motori Asincroni Trifase - IE4/IE3/IE2/IE1

**MOTORI SUPER PREMIUM EFFICIENCY - IE4/CURUS**

- Ampia gamma 0.75 - 200kW
- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



## TECHNICAL DATA

Motor Type AMQE 280S G4 - 75 kW - 4 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMQE 280S G
Poles	4
kW	75
HP	100
rpm	1490
Mn Nm	480.7
$\eta$ 50%	94.1
$\eta$ 75%	96.0
$\eta$ 100%	96.0
cos Phi	0.88
I <sub>N</sub> 400V	128.0
I <sub>N</sub> 460V	-
I <sub>N</sub> 575V	-
I <sub>A</sub> /I <sub>N</sub>	6.9

$M_A/M_N$	2.0
$M_S/M_N$	1.9
$M_K/M_N$	2.3
$J \cdot 10^{-3} \text{ kgm}^2$	1120
kg	655

## Mechanical Data

Design	Cast iron
Degree of protection	IP 55
Bearings DE/NDE	6317 C3
Lubrication grease	low & high temperature grease
Regreasing device horizontal	4.000 hours
Regreasing device vertical	4.000 hours
Grease Quantity	35 gr
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	71

## Electrical Data

Voltage	400V - 50Hz
Connection	?/Y 400/690V
Duty type	S1
Thermal protection	na
Insulation class	F
Direction of rotation	bidirectional
Ambient temperature	-20°C / +40 °C
Altitude	1000 m.a.s.l.