



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

**MOTORI A DOPPIA VELOCITÀ**

- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



**TECHNICAL DATA**

**Motor Type** AMV 160L ZA8/4 - 3.2/15 kW - 8/4 poles - 400V - 50Hz

**PERFORMANCE DATA**

|  |             |
|--|-------------|
| <b>Type</b>                              | AMV 160L ZA |
| <b>Poles</b>                             | 8/4         |
| <b>kW</b>                                | 3.2/15      |
| <b>HP</b>                                | 4.3/20      |
| <b>rpm</b>                               | 720/1450    |
| <b>Mn Nm</b>                             | 42.4/98.8   |
| <b><math>\eta</math> 100%</b>            | 81/90       |
| <b>cos Phi</b>                           | 0.61/0.88   |
| <b>I<sub>N</sub> 400V</b>                | 9.4/27.3    |
| <b>I<sub>N</sub> 380-420V</b>            | 9.8/28      |
| <b>I<sub>A</sub>/I<sub>N</sub></b>       | 3.5/6.5     |
| <b>M<sub>A</sub>/M<sub>N</sub></b>       | 1.7/1.8     |
| <b>J 10<sup>-3</sup> kgm<sup>2</sup></b> | 105.75      |
| <b>kg</b>                                | 106.5       |

## Mechanical Data

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Design</b>                       | Aluminium                     |
| <b>Degree of protection</b>         | IP 55                         |
| <b>Bearings DE/NDE</b>              | 6309/2Z                       |
| <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>              | 62                            |

## Electrical Data

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