



# MOTOR MAC QE 200 P

- Hoja de Datos Técnicos -  
- Technical Datasheet -

Código DT-QE200P  
Edición 05  
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Fecha 30/08/2013

|  |           |                                |   |                               |         |            |   |                                 |                                   |            |                                 |   |                              |  |  |           |  |  |  |       |  |  |  |
|--|-----------|--------------------------------|---|-------------------------------|---------|------------|---|---------------------------------|-----------------------------------|------------|---------------------------------|---|------------------------------|--|--|-----------|--|--|--|-------|--|--|--|
| <b>Ventilador / Fan</b>  |           | Rodamientos<br><i>Bearings</i> |   | Delantero<br><i>Drive End</i> |         | 6316 ZZ C3 |   | Trasero<br><i>Non Drive End</i> |                                   | 6312 ZZ C3 |                                 |   |                              |  |  |           |  |  |  |       |  |  |  |
| Tensión / Voltage  | 230/400 V | 460 V                          | Momento de inercia<br><i>Rotor Inertia</i>                |                               |         |            | J = 1.324 Kg m <sup>2</sup>                     |                                 | Peso Motor<br><i>Motor Weight</i> |            | 640 Kg                          |   |                              |  |  |           |  |  |  |       |  |  |  |
| Frec. / Frequency  | 50 Hz     | 60 Hz                          | Protección<br><i>Protection Degree</i>                    |                               | IP 54   |            | Construcción<br><i>Mounting</i>                 |                                 | IM B3 / B35                       |            | Refrigeración<br><i>Cooling</i> |   | IC 416                       |  |  |           |  |  |  |       |  |  |  |
| Potencia / Power   | 1.1 KW    | 1.25 KW                        | Velocidad máxima mecánica<br><i>Max. Mechanical Speed</i> |                               |         |            | 4000 rpm  |                                 |                                   |            |                                 |   |                              |  |  |           |  |  |  |       |  |  |  |
| Velocidad / Speed  | 2800 rpm  | 3300 rpm                       | Nivel de ruido<br><i>Noise Level</i>                      |                               | < 87 dB |            |   |                                 |                                   |            |                                 |   |                              |  |  |           |  |  |  |       |  |  |  |
| Equilibrado grado<br><i>Balancing degree</i>                           | A         |                                | Aislamiento Clase<br><i>Insulation Class</i>              |                               | F       |            | Protección Térmica<br><i>Thermal Protection</i> |                                 | PTC 140 °C                        |            | Ambiente<br><i>Ambient</i>      |   | < 40 °C < 1000 m             |  |  |           |  |  |  |       |  |  |  |
| <b>Freno de Bloqueo (opcional)<br/><i>Holding Brake (optional)</i></b> |           |                                | 300 Nm  |                               | 24 Vdc  |            | 2.5 A   |                                 | 60 W                              |            | 18 Kg                           |   | J = 0.0017 Kg m <sup>2</sup> |  |  |           |  |  |  |       |  |  |  |
| Tensión de Base del Motor<br><i>Motor Base Voltage</i>                 |           |                                |   | <b>Vb</b>                     |         |            |   | 400 V                           |                                   |            |                                 | Tensión Máxima de Salida del Convertidor<br><i>Inverter max. Output Voltage</i> |                              |  |  | <b>Vc</b> |  |  |  | 400 V |  |  |  |

| Bobinado<br><i>Winding</i> | Servicio / Service S1 |     |     |      |    |   | Servicio / Service S6 - 40% |     |     |      |    |   | Corriente en vacío<br><i>No Load Current</i><br>(A) |
|----------------------------|-----------------------|-----|-----|------|----|---|-----------------------------|-----|-----|------|----|---|---|
|                            | Nm                    | A   | KW  | rpm  | Hz | Velocidad a Pot.Cte<br><i>Const. Power Speed</i><br>(rpm) | Nm                          | A   | KW  | rpm  | Hz | Velocidad a Pot.Cte<br><i>Const. Power Speed</i><br>(rpm) |   |
| A61                        | 705                   | 83  | 40  | 540  | 28 | 1450  | 1020                        | 110 | 58  | 540  | 28 | 1090  | 47  |
| B61                        | 705                   | 99  | 49  | 660  | 34 | 1780  | 1030                        | 132 | 71  | 660  | 34 | 1320  | 56  |
| C61                        | 705                   | 114 | 58  | 780  | 40 | 2100  | 1030                        | 154 | 84  | 780  | 40 | 1560  | 62  |
| D61                        | 705                   | 135 | 68  | 920  | 47 | 2480  | 1030                        | 181 | 99  | 920  | 47 | 1850  | 74  |
| E61                        | 705                   | 165 | 84  | 1140 | 58 | 3070  | 1030                        | 222 | 123 | 1140 | 58 | 2290  | 89  |
| F61                        | 705                   | 185 | 94  | 1280 | 65 | 3450  | 1030                        | 249 | 138 | 1280 | 65 | 2570  | 101   |
| G61                        | 655                   | 202 | 100 | 1460 | 74 | 3940  | 950                         | 266 | 145 | 1460 | 74 | 2950  | 117   |

Otras Velocidades disponibles bajo consulta a nuestra O.T. / Other speeds available under request

**CORTE A-A**

Las cotas de la brida son para IM B35.  
*Flange dimensions are for IM B35 mounting.*

La forma IM B35 se suministra bajo pedido.  
*IM B35 mounting is supplied under request.*

\* con encoder estándar Heidenhan ROD 4x6 / with standard Heidenhain encoder ROD 4x6

**Brida opcional:** Taladros (8) a Ø400; encaje a Ø350  
**Optional Flange:** Holes (8) at Ø400; ring Ø350.

**Motor MAC QE 200 P ed04 25-11-09**

|   |  |          |  |                         |  |         |  |
|---|--|----------|--|-------------------------|--|---------|--|
| Material  |  |          |  | Nº Fundición            |  | Formato |  |
|   |  |          |  |                         |  | A-0     |  |
| LA TOLERANCIA ENTRE AGUJEROS SERÁ H7/g6                     |  |          |  |                         |  |         |  |
| A MENOS QUE HAYA ALGUNA ESPECIFICACIÓN LAS TOLERANCIAS SON: |  |          |  |                         |  |         |  |
| Elabora   |  | Revisa   |  | Aprueba                 |  | Edición |  |
| 25.11.09  |  | 25.11.09 |  | 25.11.09                |  | 04      |  |
| Escala  |  |          |  | Código                  |  |         |  |
| 1:1   |  |          |  | Dimensiones Motor       |  |         |  |
| MANTEN TODOS LOS CARACTERES VIVOS A 03/04/09                |  |          |  | E20011/P                |  |         |  |
|   |  |          |  | MOTOR TIPO MAC QE 200 P |  |         |  |

|            |            |            |
|------------|------------|------------|
| Elabora:   | Revisa:    | Aprueba:   |
| 30/08/2013 | 30/08/2013 | 30/08/2013 |

