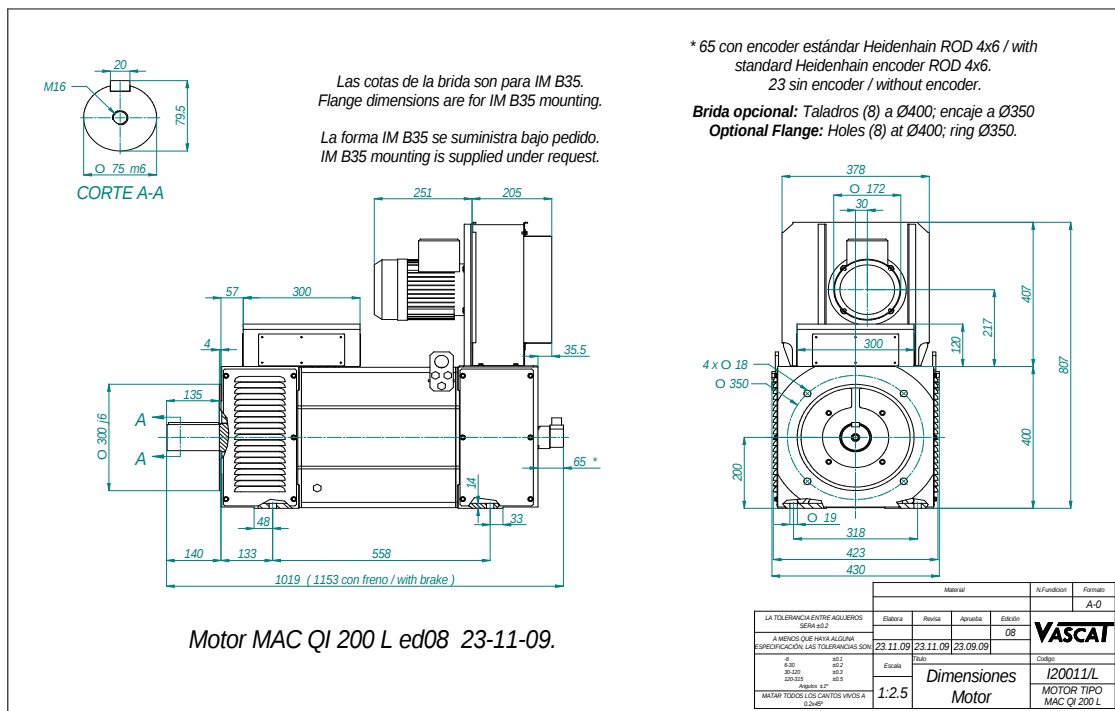


|                                                                                                                                                        |  |                      |  |                           |  |                                          |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|--|---------------------------|--|------------------------------------------|--|
| Ventilador / Fan                                                                                                                                       |  | Rodamientos          |  | Delantero                 |  | Trasero                                  |  |
| Tipo de Refrigeración                                                                                                                                  |  | Bearings             |  | Drive End                 |  | Non Drive End                            |  |
| Cooling Mode                                                                                                                                           |  | IC 06                |  | 6316 ZZ C3                |  | 6312 ZZC3                                |  |
| Alimentación / Supply                                                                                                                                  |  | 400V 50Hz            |  | Nº de polos               |  | Momento de inercia                       |  |
| Potencia / Power                                                                                                                                       |  | 1,50 kW              |  | 6                         |  | J=1,064 Kg m2                            |  |
| Corriente / Current                                                                                                                                    |  | 2,9 A                |  | No of poles               |  | Motor Weight                             |  |
| Velocidad / Speed                                                                                                                                      |  | 2860 rpm             |  | Rotor Inertia             |  | 550 Kg                                   |  |
| Caudal / Air flow                                                                                                                                      |  | 2400 m3/h            |  | Protección                |  | Equilibrado grado                        |  |
| Presión / Pressure                                                                                                                                     |  | 1000 Pa              |  | IP 23                     |  | A                                        |  |
| Por favor, indicar en los pedidos la alimentación deseada para el ventilador / Please indicate the required fan supply voltage when placing your order |  | Protection Degree    |  | IM B3 / B35               |  | Balancing degree                         |  |
|                                                                                                                                                        |  | Nivel de ruido       |  | Velocidad máxima mecánica |  | 4000 rpm                                 |  |
|                                                                                                                                                        |  | < 80 dB              |  | Max. Mechanical Speed     |  |                                          |  |
|                                                                                                                                                        |  | Aislamiento Clase    |  | Protección Térmica        |  | Ambiente                                 |  |
|                                                                                                                                                        |  | F                    |  | PTC 140 °C                |  | < 40 °C < 1000 m                         |  |
|                                                                                                                                                        |  | Insulation Class     |  | Thermal Protection        |  | Ambient                                  |  |
|                                                                                                                                                        |  | Normas de referencia |  | Conmutación Variador      |  | 4 kHz; du/dt TS60034-25 Type B           |  |
|                                                                                                                                                        |  | EN60034              |  | Inverter Switching        |  |                                          |  |
| Freno de Bloqueo (opcional)                                                                                                                            |  | 300 Nm               |  | 24 Vdc                    |  | 18 Kg                                    |  |
| Holding Brake (optional)                                                                                                                               |  | 24 Vdc               |  | 2,5 A                     |  | J = 0.0017 Kg m²                         |  |
| Tensión de Base del Motor                                                                                                                              |  | Vb                   |  | 400 V                     |  | Tensión Máxima de Salida del Convertidor |  |
| Motor Base Voltage                                                                                                                                     |  |                      |  |                           |  | Vc                                       |  |
|                                                                                                                                                        |  |                      |  |                           |  | 400 V                                    |  |

|                     | Servicio / Service S1 |     |     |      |    |                                                     | Servicio / Service S6 - 40% |     |     |      |    |                                                     |                                              |
|---------------------|-----------------------|-----|-----|------|----|-----------------------------------------------------|-----------------------------|-----|-----|------|----|-----------------------------------------------------|----------------------------------------------|
| Bobinado<br>Winding | Nm                    | A   | KW  | rpm  | Hz | Velocidad a Pot.Cte<br>Const. Power Speed.<br>(rpm) | Nm                          | A   | KW  | rpm  | Hz | Velocidad a Pot.Cte<br>Const. Power Speed.<br>(rpm) | Corriente en vacío<br>No Load Current<br>(A) |
| A61                 | 1100                  | 105 | 54  | 470  | 25 | 980                                                 | 1630                        | 150 | 80  | 470  | 26 | 720                                                 | 42                                           |
| B61                 | 1100                  | 128 | 66  | 570  | 30 | 1190                                                | 1620                        | 180 | 97  | 570  | 31 | 880                                                 | 55                                           |
| C61                 | 1100                  | 144 | 75  | 650  | 34 | 1360                                                | 1630                        | 202 | 111 | 650  | 35 | 1000                                                | 60                                           |
| D61                 | 1100                  | 176 | 93  | 810  | 42 | 1700                                                | 1620                        | 248 | 137 | 810  | 43 | 1260                                                | 75                                           |
| E61                 | 1100                  | 208 | 112 | 970  | 50 | 2030                                                | 1630                        | 294 | 165 | 970  | 51 | 1500                                                | 87                                           |
| F61                 | 1100                  | 255 | 137 | 1190 | 61 | 2490                                                | 1620                        | 358 | 202 | 1190 | 62 | 1840                                                | 108                                          |
| G61                 | 1100                  | 286 | 155 | 1350 | 69 | 2830                                                | 1630                        | 404 | 230 | 1350 | 70 | 2090                                                | 120                                          |
| H61                 | 1100                  | 327 | 178 | 1550 | 79 | 3250                                                | 1630                        | 461 | 264 | 1550 | 80 | 2400                                                | 137                                          |
| I 61                | 1050                  | 368 | 199 | 1810 | 92 | 3800                                                | 1550                        | 515 | 294 | 1810 | 93 | 2810                                                | 162                                          |

Otras velocidades disponibles bajo consulta a nuestra O.T. / Other speeds available on request



Datos Técnicos sujetos a modificaciones sin previo aviso / *Technical data are subject to changes without prior notice*

|          |         |          |
|----------|---------|----------|
| Elabora: | Revisa: | Aprueba: |
|----------|---------|----------|

|                     | Servicio / Service S1 |     |    |     |    |                                                     | Servicio / Service S6 - 40% |     |     |     |    |                                                     |                                              |
|---------------------|-----------------------|-----|----|-----|----|-----------------------------------------------------|-----------------------------|-----|-----|-----|----|-----------------------------------------------------|----------------------------------------------|
| Bobinado<br>Winding | Nm                    | A   | KW | rpm | Hz | Velocidad a Pot.Cte<br>Const. Power Speed.<br>(rpm) | Nm                          | A   | KW  | rpm | Hz | Velocidad a Pot.Cte<br>Const. Power Speed.<br>(rpm) | Corriente en vacío<br>No Load Current<br>(A) |
| C61                 | 1100                  | 144 | 75 | 650 | 34 | 1360                                                | 1630                        | 202 | 111 | 650 | 35 | 1000                                                | 60                                           |

### Curva de Par / Torque Diagram

The diagram is a line graph with 'rpm' on the x-axis (0 to 2000) and 'Nm' on the y-axis (0 to 1800). It features four data series: 'Límite Servicio S6 Limit for Service S6' (thin black line), 'Límite Servicio S1 Limit for Service S1' (thick black line), 'Carga / Load Nm 1' (blue line), and 'Carga / Load Nm 2' (red line). The S6 limit is constant at 1630 Nm until 650 rpm, then decreases. The S1 limit is constant at 1100 Nm until 650 rpm, then decreases. The load lines (Nm 1 and Nm 2) are not visible, likely overlapping the S1 limit line.

| rpm  | Límite Servicio S6 Limit for Service S6 (Nm) | Límite Servicio S1 Limit for Service S1 (Nm) | Carga / Load Nm 1 (Nm) | Carga / Load Nm 2 (Nm) |
|------|----------------------------------------------|----------------------------------------------|------------------------|------------------------|
| 0    | 1630                                         | 1100                                         | 1100                   | 1100                   |
| 200  | 1630                                         | 1100                                         | 1100                   | 1100                   |
| 400  | 1630                                         | 1100                                         | 1100                   | 1100                   |
| 600  | 1630                                         | 1100                                         | 1100                   | 1100                   |
| 650  | 1630                                         | 1100                                         | 1100                   | 1100                   |
| 800  | 1350                                         | 900                                          | 900                    | 900                    |
| 1000 | 1050                                         | 700                                          | 700                    | 700                    |
| 1200 | 750                                          | 550                                          | 550                    | 550                    |
| 1400 | 500                                          | 400                                          | 400                    | 400                    |
| 1600 | 350                                          | 300                                          | 300                    | 300                    |
| 1800 | 250                                          | 250                                          | 250                    | 250                    |

**Curva de Potencia / Power Diagram**

The diagram illustrates the power requirements for two services, S6 and S1, across a range of rotational speeds (rpm) from 0 to 2000. The y-axis represents power in kilowatts (KW), ranging from 0 to 120.

**Legend:**

- Límite Servicio S6 Limit for Service S6 (Thin black line)
- Límite Servicio S1 Limit for Service S1 (Thick black line)
- Carga / Load KW 1 (Blue line)
- Carga / Load KW 2 (Red line)

**Key Data Points:**

| rpm  | Límite Servicio S6 (KW) | Límite Servicio S1 (KW) | Carga KW 1 (KW) | Carga KW 2 (KW) |
|------|-------------------------|-------------------------|-----------------|-----------------|
| 0    | 0                       | 0                       | 0               | 0               |
| 650  | 110                     | 75                      | 75              | 75              |
| 1000 | 110                     | 75                      | 75              | 75              |
| 1350 | 75                      | 75                      | 75              | 75              |
| 1800 | 50                      | 50                      | 50              | 50              |