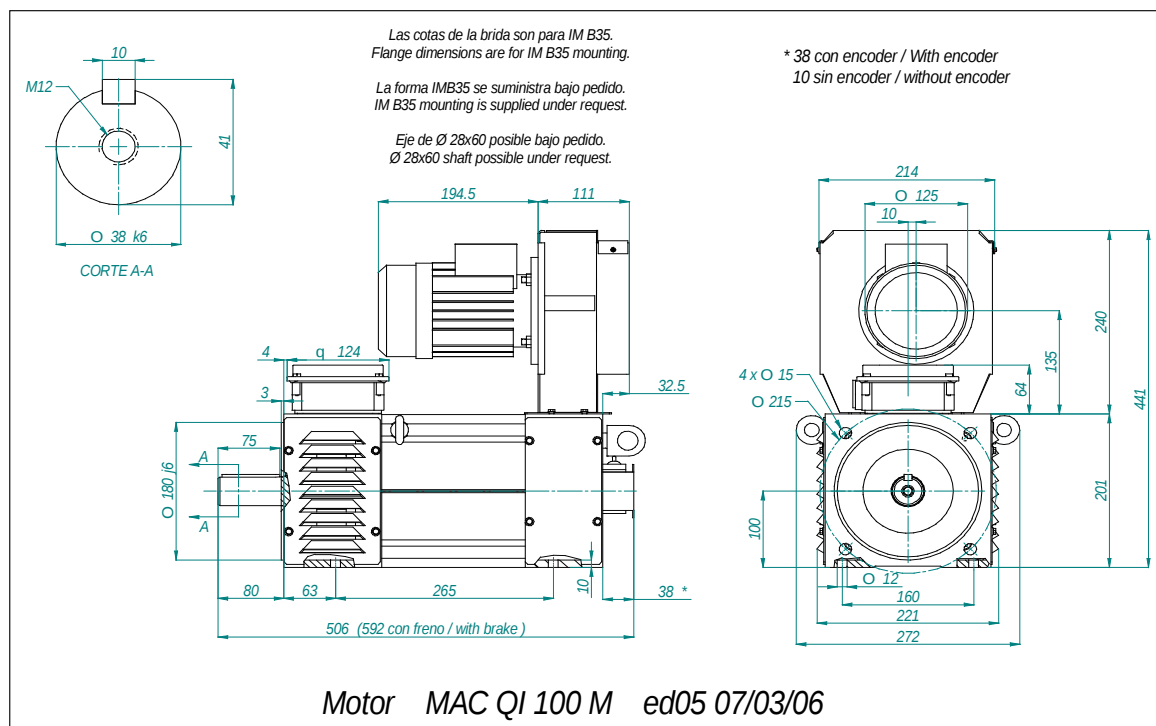


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|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | <b>MOTOR MAC QI 100 M</b><br>- Hoja de Datos Técnicos -<br>- Technical Datasheet - | Codigo DT-QI100M<br>Edición 08<br>Página 1/2<br>Fecha 19/03/2015 |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------|

|                                                                                                                                                        |                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Ventilador / Fan</b>                                                                                                                                | Rodamientos Delantero 6308 ZZ C3 Trasero 6207 ZZ C3                               |
| Tipo de Refrigeración IC 06                                                                                                                            | Bearings Drive End Non Drive End                                                  |
| Cooling Mode                                                                                                                                           | Nº de polos 4 Momento de inercia J = 0,015 Kg m² Peso Motor 60 Kg                 |
| Alimentación / Supply 400 V 50Hz                                                                                                                       | No. of poles 4 Rotor Inertia Motor Weight                                         |
| Potencia / Power 0,25 kW                                                                                                                               | Protección IP 23 Construcción IM B3 / B35 Equilibrado grado A                     |
| Corriente / Current 0,71 A                                                                                                                             | Protection Degree Mounting Balancing degree                                       |
| Velocidad / Speed 2800 rpm                                                                                                                             | Nivel de ruido < 70 dB Velocidad máxima mecánica 7500 rpm                         |
| Caudal / Air flow 570 m3/h                                                                                                                             | Noise Level Max. Mechanical Speed                                                 |
| Presión / Pressure 450 Pa                                                                                                                              | Aislamiento Clase F Protección Térmica PTC 140 °C Ambiente < 40 °C < 1000 m       |
| Por favor, indicar en los pedidos la alimentación deseada para el ventilador / Please indicate the required fan supply voltage when placing your order | Insulation Class Thermal Protection Ambient                                       |
| <b>Freno de Bloqueo (opcional)</b>                                                                                                                     | Normas de referencia EN60034 Conmutación Variador 4 kHz ; du/dt TS60034-25 Type B |
| <b>Holding Brake (optional)</b>                                                                                                                        | Reference Standards Inverter Switching                                            |
| Tensión de Base del Motor Vb 400 V                                                                                                                     | Tensión Máxima de Salida del Convertidor Vc 400 V                                 |
| Motor Base Voltage                                                                                                                                     | Inverter max. Output Voltage                                                      |

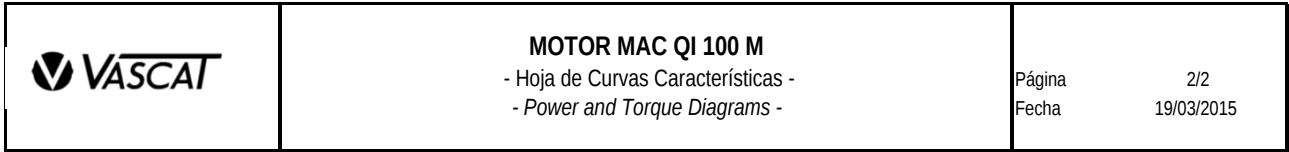
|                  | Servicio / Service S1 |      |      |      |     |                                               | Servicio / Service S6 - 40% |    |      |      |     |                                               |                                        |
|------------------|-----------------------|------|------|------|-----|-----------------------------------------------|-----------------------------|----|------|------|-----|-----------------------------------------------|----------------------------------------|
| Bobinado Winding | Nm                    | A    | kW   | rpm  | Hz  | Velocidad a Pot.Cte Const. Power Speed. (rpm) | Nm                          | A  | kW   | rpm  | Hz  | Velocidad a Pot.Cte Const. Power Speed. (rpm) | Corriente en vacío No Load Current (A) |
| 111              | 52                    | 10.7 | 4.1  | 746  | 27  | 1710                                          | 76                          | 15 | 6.0  | 746  | 28  | 1270                                          | 5.6                                    |
| 211              | 52                    | 14.1 | 5.9  | 1075 | 38  | 2470                                          | 76                          | 19 | 8.6  | 1075 | 39  | 1830                                          | 7.4                                    |
| 112              | 52                    | 17.7 | 7.7  | 1406 | 49  | 3230                                          | 76                          | 24 | 11.2 | 1406 | 50  | 2400                                          | 9.5                                    |
| 121              | 52                    | 20.2 | 9.1  | 1673 | 58  | 3840                                          | 76                          | 27 | 13.4 | 1673 | 59  | 2850                                          | 10.4                                   |
| 212              | 52                    | 23.8 | 10.7 | 1975 | 68  | 4540                                          | 76                          | 32 | 15.8 | 1975 | 69  | 3380                                          | 12.8                                   |
| 221              | 52                    | 27.6 | 12.5 | 2305 | 79  | 5300                                          | 76                          | 37 | 18.4 | 2305 | 80  | 3940                                          | 14.8                                   |
| 122              | 52                    | 34.9 | 16.3 | 2994 | 102 | 6880                                          | 76                          | 47 | 23.9 | 2994 | 103 | 5120                                          | 18.4                                   |
| 222              | 52                    | 47.5 | 22.5 | 4134 | 140 | 7500                                          | 76                          | 64 | 33.0 | 4134 | 141 | 7060                                          | 25.0                                   |

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: |
|----------|---------|----------|



|                                                                                   |                                                                                                                                            |                                        |
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|  | <p align="center"><b>MOTOR MAC QI 100 M</b></p> <p align="center">- Hoja de Curvas Características -<br/>- Power and Torque Diagrams -</p> | <p>Página 2/2<br/>Fecha 19/03/2015</p> |
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|  | <p align="center"><b>MOTOR MAC QI 100 M</b></p> <p align="center">- Hoja de Curvas Características -<br/>- Power and Torque Diagrams -</p> | <p>Página 2/2<br/>Fecha 19/03/2015</p> |
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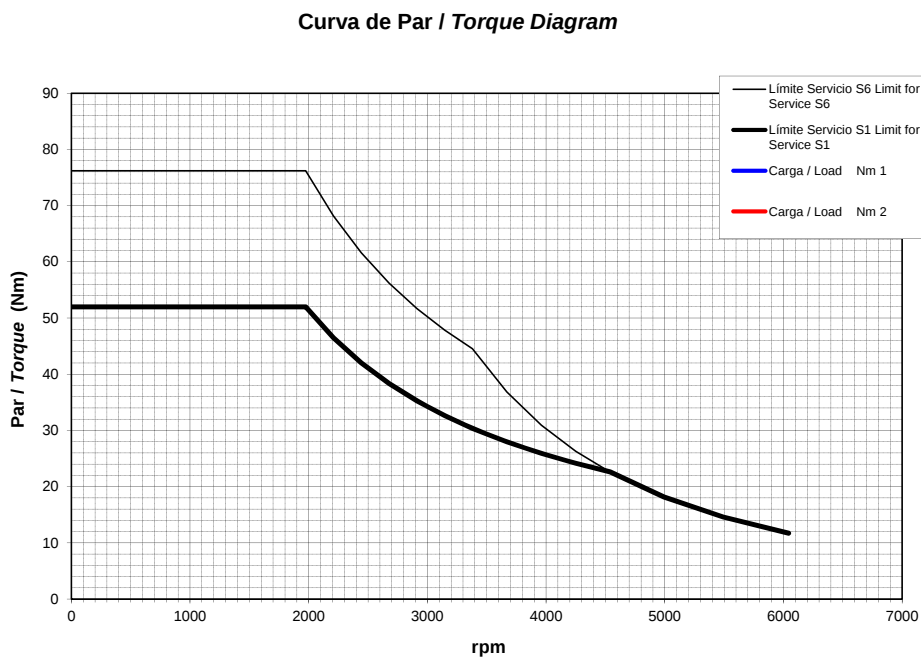
|                                                        |              |                                                                                 |              |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|
| Tensión de Base del Motor<br><i>Motor Base Voltage</i> | <b>400 V</b> | Tensión Máxima de Salida del Convertidor<br><i>Inverter max. Output Voltage</i> | <b>400 V</b> |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|

|                                                        |              |                                                                                 |              |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|
| Tensión de Base del Motor<br><i>Motor Base Voltage</i> | <b>400 V</b> | Tensión Máxima de Salida del Convertidor<br><i>Inverter max. Output Voltage</i> | <b>400 V</b> |
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|                                                        |              |                                                                                 |              |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|
| Tensión de Base del Motor<br><i>Motor Base Voltage</i> | <b>400 V</b> | Tensión Máxima de Salida del Convertidor<br><i>Inverter max. Output Voltage</i> | <b>400 V</b> |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|

|                     | 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) |
| 212                 | 52                    | 23.8 | 10.7 | 1975 | 68 | 4540                                                | 76                          | 32.1 | 15.8 | 1975 | 69 | 3380                                                | 12.8                                         |

[illegible][illegible]