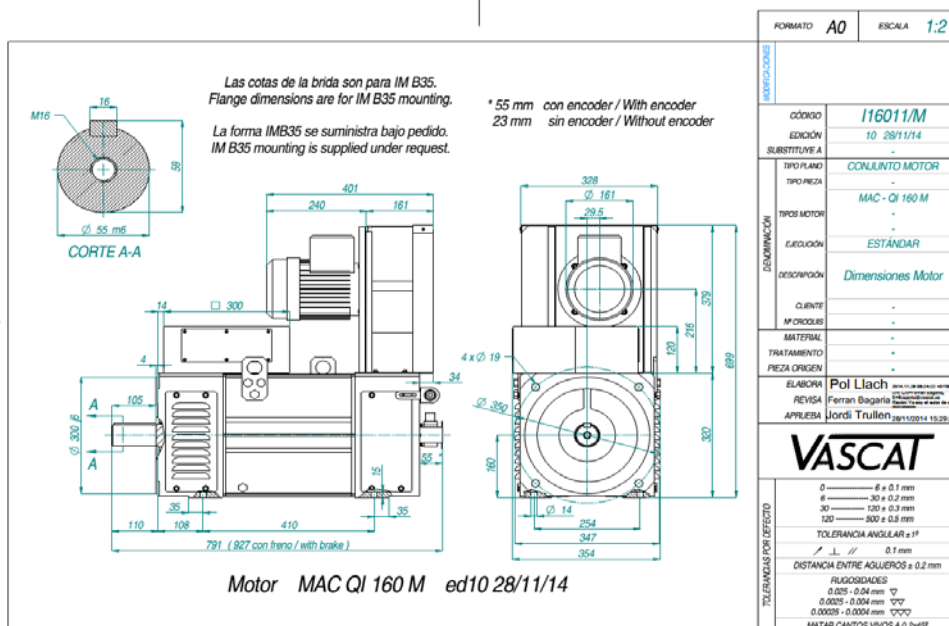


|                                                                        |           |                                              |                                            |                                                 |                                                                                 |                                 |                                                           |                                   |                                 |          |
|------------------------------------------------------------------------|-----------|----------------------------------------------|--------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------|-----------------------------------|---------------------------------|----------|
| <b>Ventilador / Fan</b>                                                |           |                                              | Rodamientos<br><i>Bearings</i>             |                                                 | Delantero<br><i>Drive End</i>                                                   | 6312 ZZ C3                      | Trasero<br><i>Non Drive End</i>                           | 6310 ZZ C3                        |                                 |          |
| Tensión / <i>Voltage</i>                                               | 230/400 V | 460 V                                        | Momento de inercia<br><i>Rotor Inertia</i> |                                                 |                                                                                 |                                 | J = 0,295 Kg m <sup>2</sup>                               | Peso Motor<br><i>Motor Weight</i> | 265 Kg                          |          |
| Frec. / <i>Frequency</i>                                               | 50 Hz     | 60 Hz                                        | Protección<br><i>Protection Degree</i>     |                                                 | IP 23                                                                           | Construcción<br><i>Mounting</i> |                                                           | IM B3 / B35                       | Refrigeración<br><i>Cooling</i> | IC06     |
| Potencia / <i>Power</i>                                                | 0,75 KW   | 0,86 KW                                      | Nivel de ruido<br><i>Noise Level</i>       |                                                 |                                                                                 | < 80 dB                         | Velocidad máxima mecánica<br><i>Max. Mechanical Speed</i> |                                   |                                 | 5000 rpm |
| Velocidad / <i>Speed</i>                                               | 2850 rpm  | 3350 rpm                                     |                                            |                                                 |                                                                                 |                                 |                                                           |                                   |                                 |          |
| Caudal / <i>Air flow</i>                                               | 1200 m3/h |                                              |                                            |                                                 |                                                                                 |                                 |                                                           |                                   |                                 |          |
| Presión / <i>Pressure</i>                                              | 800 Pa    |                                              |                                            |                                                 |                                                                                 |                                 |                                                           |                                   |                                 |          |
| 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>                 |           |                                              | Vb                                         | 400 V                                           | Tensión Máxima de Salida del Convertidor<br><i>Inverter max. Output Voltage</i> |                                 |                                                           | Vc                                | 400 V                           |          |

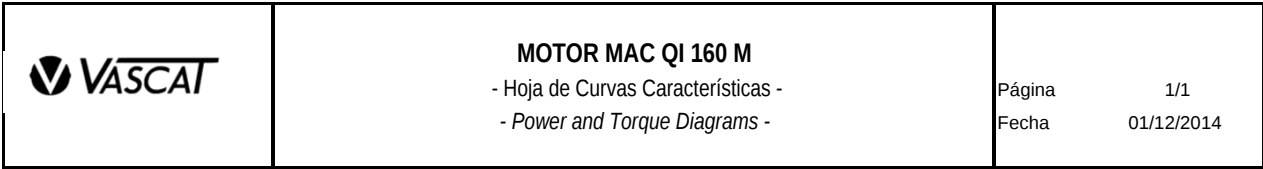
| Servicio / Service S1      |     |     |       |      |    |                                                     | Servicio / Service S6 - 40% |     |       |      |    |                                                     |                                              |
|----------------------------|-----|-----|-------|------|----|-----------------------------------------------------|-----------------------------|-----|-------|------|----|-----------------------------------------------------|----------------------------------------------|
| Bobinado<br><i>Winding</i> | 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) |
| A41                        | 430 | 44  | 23.1  | 513  | 18 | 1430                                                | 639                         | 63  | 34.3  | 513  | 18 | 1050                                                | 16                                           |
| B41                        | 430 | 56  | 29.9  | 663  | 23 | 1850                                                | 639                         | 79  | 44.4  | 663  | 23 | 1360                                                | 21                                           |
| C41                        | 430 | 66  | 36.6  | 812  | 28 | 2270                                                | 640                         | 94  | 54.4  | 812  | 28 | 1670                                                | 23                                           |
| D41                        | 430 | 75  | 42.0  | 932  | 32 | 2600                                                | 640                         | 108 | 62.4  | 932  | 32 | 1910                                                | 26                                           |
| E41                        | 430 | 87  | 48.8  | 1083 | 37 | 3030                                                | 639                         | 125 | 72.4  | 1083 | 37 | 2230                                                | 33                                           |
| F41                        | 430 | 95  | 54.1  | 1202 | 41 | 3360                                                | 640                         | 137 | 80.5  | 1202 | 41 | 2470                                                | 34                                           |
| G41                        | 430 | 105 | 59.5  | 1322 | 45 | 3700                                                | 639                         | 150 | 88.5  | 1322 | 45 | 2720                                                | 38                                           |
| H41                        | 430 | 116 | 66.3  | 1473 | 50 | 4120                                                | 639                         | 166 | 98.6  | 1473 | 50 | 3030                                                | 43                                           |
| I41                        | 430 | 131 | 75.7  | 1682 | 57 | 4700                                                | 640                         | 188 | 112.7 | 1682 | 57 | 3460                                                | 46                                           |
| J41                        | 430 | 149 | 86.5  | 1922 | 65 | 5000                                                | 640                         | 214 | 128.7 | 1922 | 65 | 3950                                                | 53                                           |
| F42                        | 430 | 164 | 96.0  | 2132 | 72 | 5000                                                | 640                         | 236 | 142.8 | 2132 | 72 | 4380                                                | 58                                           |
| G42                        | 430 | 181 | 105.5 | 2342 | 79 | 5000                                                | 640                         | 259 | 156.8 | 2342 | 79 | 4810                                                | 65                                           |
| H42                        | 430 | 201 | 117.6 | 2612 | 88 | 5000                                                | 640                         | 288 | 174.9 | 2612 | 88 | 5000                                                | 72                                           |
| I42                        | 430 | 226 | 132.5 | 2942 | 99 | 5000                                                | 640                         | 324 | 197.0 | 2942 | 99 | 5000                                                | 81                                           |

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



|                                                                                 |                                                                                                                                                              |                                           |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|  | <p align="center"><b>MOTOR MAC QI 160 M</b></p> <p align="center">- Hoja de Curvas Características -</p> <p align="center">- Power and Torque Diagrams -</p> | <p>Página 1/1</p> <p>Fecha 01/12/2014</p> |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|

|                                                                                 |                                                                                                                                                              |                                           |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|  | <p align="center"><b>MOTOR MAC QI 160 M</b></p> <p align="center">- Hoja de Curvas Características -</p> <p align="center">- Power and Torque Diagrams -</p> | <p>Página 1/1</p> <p>Fecha 01/12/2014</p> |
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|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|  | <p align="center"><b>MOTOR MAC QI 160 M</b></p> <p align="center">- Hoja de Curvas Características -</p> <p align="center">- Power and Torque Diagrams -</p> | <p>Página 1/1</p> <p>Fecha 01/12/2014</p> |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|

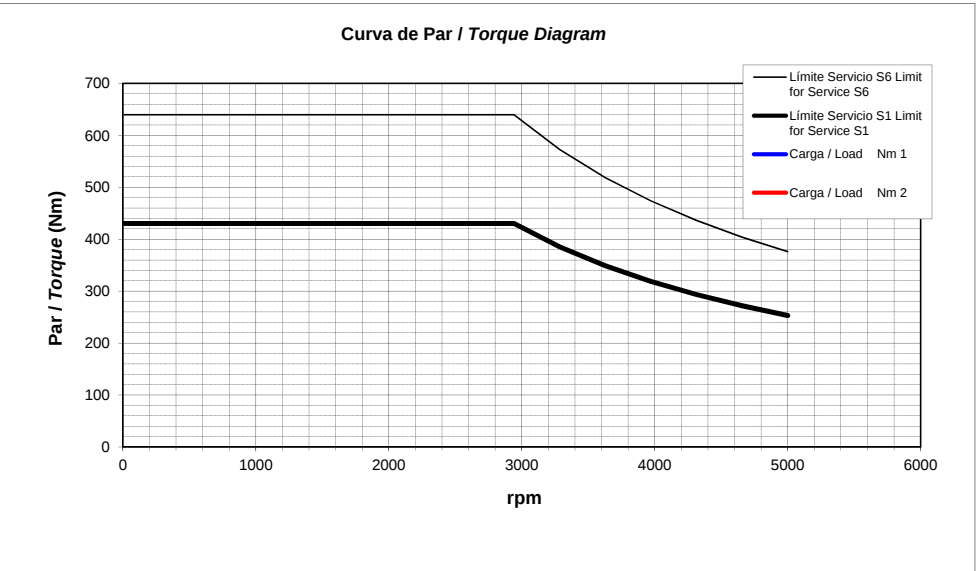
|                                                        |              |                                                                                 |              |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|
| 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> |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|

|                                                        |              |                                                                                 |              |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|
| 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> |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|

|                     | 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) |
| 142                 | 430                   | 226 | 132.5 | 2942 | 99 | 5000                                                | 640                         | 324 | 197.0 | 2942 | 99 | 5000                                                | 81                                           |

[illegible][illegible]