



# MOTOR MAC QI 160 X

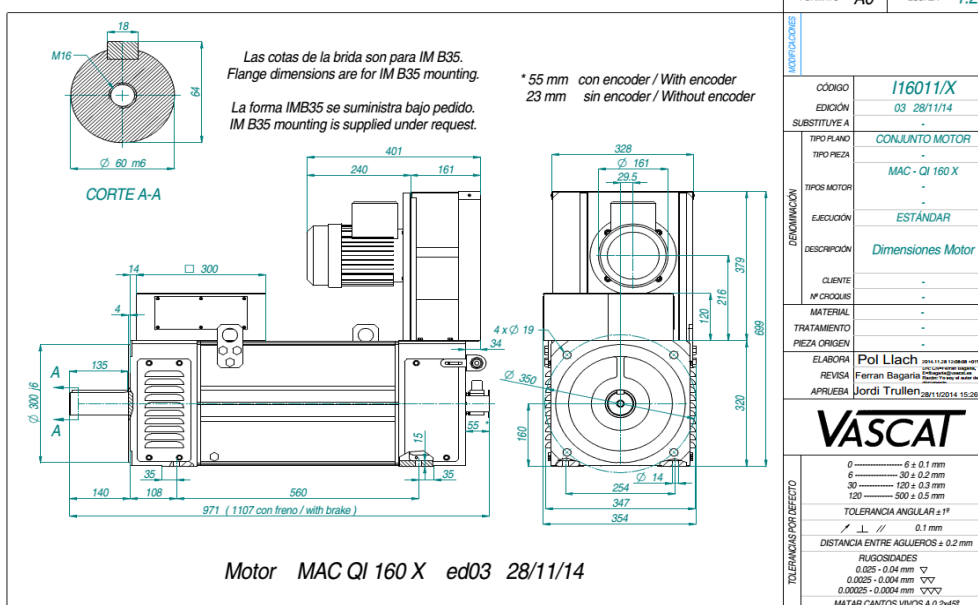
- Hoja de Datos Técnicos -  
- Technical Datasheet -

Código DT-QI160X  
Edición 03  
Página 1/1  
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|                                                         |           |                                       |                                     |   |                                          |                          |                                                                          |                            |                              |                  |          |
|---------------------------------------------------------|-----------|---------------------------------------|-------------------------------------|---|------------------------------------------|--------------------------|--------------------------------------------------------------------------|----------------------------|------------------------------|------------------|----------|
| Ventilador / Fan                                        |           |                                       | Rodamientos<br>Bearings             |   | Delantero<br>Drive End                   | 6312 ZZ C3               | Trasero<br>Non Drive End                                                 |                            | 6310 ZZ C3                   |                  |          |
| Tensión / Voltage                                       | 230/400 V | 460 V                                 | Momento de inercia<br>Rotor Inertia |   |                                          |                          | J = 0,432 Kg m <sup>2</sup>                                              | Peso Motor<br>Motor Weight | 355 Kg                       |                  |          |
| Frec. / Frequency                                       | 50 Hz     | 60 Hz                                 | Protección<br>Protection Degree     |   | IP 23                                    | Construcción<br>Mounting |                                                                          | IM B3 / B35                | Refrigeración<br>Cooling     | IC06             |          |
| Potencia / Power                                        | 0,75 KW   | 0,86 KW                               | Velocidad / Speed                   |   |                                          | 2850 rpm                 | 3350 rpm                                                                 | Caudal / Air flow          |                              | 1200 m3/h        |          |
| Presión / Pressure                                      | 800 Pa    | Nivel de ruido<br>Noise Level         |                                     |   | < 80 dB                                  |                          | Velocidad máxima mecánica<br>Max. Mechanical Speed                       |                            |                              |                  | 5000 rpm |
| Equilibrado grado<br>Balancing degree                   | A         | Aislamiento Clase<br>Insulation Class |                                     | F | Protección Térmica<br>Thermal Protection |                          | PTC 140 °C                                                               | Ambiente<br>Ambient        |                              | < 40 °C < 1000 m |          |
| Freno de Bloqueo (opcional)<br>Holding Brake (optional) |           |                                       | 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>Motor Base Voltage         |           |                                       | Vb                                  |   | 400 V                                    |                          | Tensión Máxima de Salida del Convertidor<br>Inverter max. Output 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) |
| A41                   | 640 | 69  | 34.5  | 515  | 18  | 1490                                                | 946                         | 97  | 51.0  | 515  | 18  | 1100                                                | 32                                           |
| B41                   | 640 | 79  | 40.5  | 604  | 21  | 1750                                                | 947                         | 110 | 59.9  | 604  | 21  | 1290                                                | 35                                           |
| C41                   | 640 | 91  | 48.5  | 723  | 25  | 2090                                                | 949                         | 129 | 71.8  | 723  | 25  | 1540                                                | 38                                           |
| D41                   | 640 | 109 | 58.6  | 874  | 30  | 2530                                                | 948                         | 153 | 86.7  | 874  | 30  | 1870                                                | 47                                           |
| E41                   | 640 | 136 | 74.6  | 1113 | 38  | 3220                                                | 951                         | 194 | 110.8 | 1113 | 38  | 2370                                                | 52                                           |
| F41                   | 640 | 156 | 84.7  | 1264 | 43  | 3660                                                | 947                         | 217 | 125.2 | 1264 | 43  | 2700                                                | 70                                           |
| G41                   | 640 | 181 | 100.7 | 1503 | 51  | 4350                                                | 948                         | 255 | 149.2 | 1503 | 51  | 3210                                                | 77                                           |
| H41                   | 640 | 217 | 120.9 | 1804 | 61  | 5000                                                | 947                         | 304 | 178.9 | 1804 | 61  | 3850                                                | 95                                           |
| E42                   | 620 | 229 | 126.9 | 1955 | 66  | 5000                                                | 917                         | 320 | 187.6 | 1955 | 66  | 4170                                                | 104                                          |
| F42                   | 600 | 255 | 141.7 | 2255 | 76  | 5000                                                | 887                         | 355 | 209.3 | 2255 | 76  | 4800                                                | 116                                          |
| G42                   | 570 | 285 | 157.9 | 2646 | 89  | 5000                                                | 841                         | 395 | 233.0 | 2646 | 89  | 5000                                                | 134                                          |
| H42                   | 520 | 318 | 175.2 | 3218 | 108 | 5000                                                | 766                         | 438 | 258.1 | 3218 | 108 | 5000                                                | 156                                          |

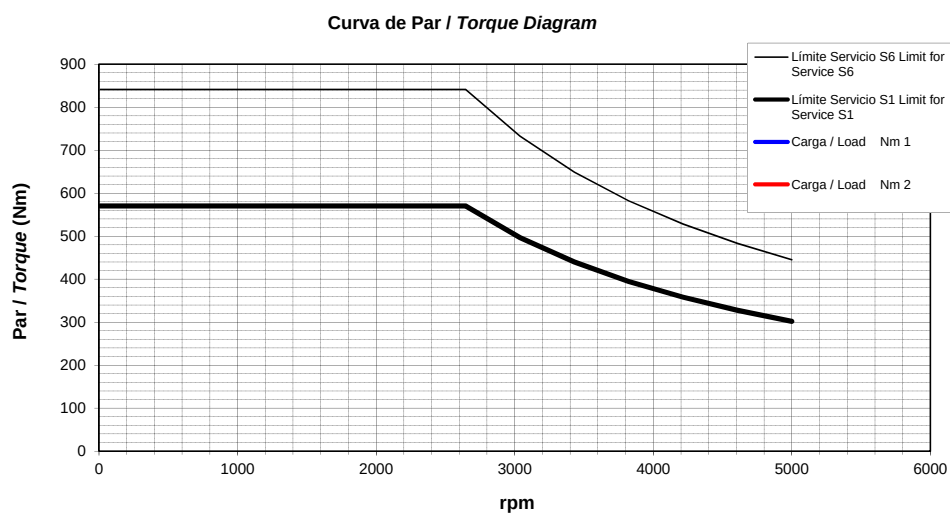
Otras velocidades disponibles bajo consulta a nuestra O.T. / Other speeds available on request



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

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| 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) |
| G42                 | 570                   | 285 | 157.9 | 2646 | 89 | 5000                                                | 841                         | 395 | 233.0 | 2646 | 89 | 5000                                                | 134                                          |

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