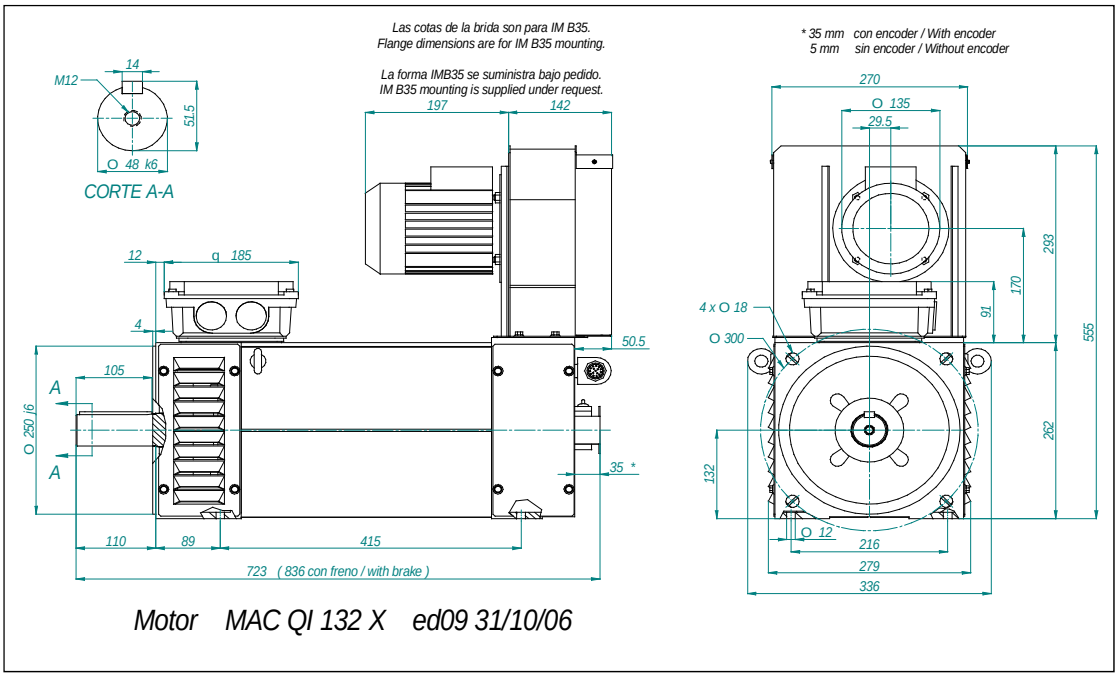
| VASCAT | MOTOR MAC QI 132 X<br>- Hoja de Datos Técnicos -<br>- *Technical Datasheet* - | Codigo | DT-QI132X |
|---|---|---|---|
| | | Edición | 13 |
| | | Página | 1/2 |
| | | Fecha | 24/03/2015 |

| Ventilador / *Fan* | | | | | | | |
|---|---|---|---|---|---|---|---|
| Tipo de Refrigeración<br>*Cooling Mode* | IC 06 | Rodamientos<br>*Bearings* | Delantero<br>*Drive End* | 6310 ZZ C3 | Trasero<br>*Non Drive End* | 6208 ZZ C3 | |
| Alimentación / *Supply* | 400V 50Hz | Nº de polos<br>*No. of poles* | 4 | Momento de inercia<br>*Rotor Inertia* | J = 0,114 Kg m$^2$ | Peso Motor<br>*Motor Weight* | 175 Kg |
| Potencia / *Power* | 0,37 KW | Protección<br>*Protection Degree* | IP 23 | Construcción<br>*Mounting* | IM B3 / B35 | Equilibrado grado<br>*Balancing degree* | A |
| Corriente / Current | 1,11A | Nivel de ruido<br>*Noise Level* | < 80 dB | Velocidad máxima mecánica<br>*Max. Mechanical Speed* | 6000 rpm | | |
| Velocidad / *Speed* | 2800 rpm | Aislamiento Clase<br>*Insulation Class* | F | Protección Térmica<br>*Thermal Protection* | PTC 140 ºC | Ambiente<br>*Ambient* | < 40 ºC < 1000 m |
| Caudal / *Air flow* | 900 m3/h | Normas de referencia<br>*Reference Standards* | EN60034 | Conmutación Variador<br>*Inverter Switching* | 4 kHz ; du/dt TS60034-25 Type B | | |
| Presión / *Pressure* | 680 Pa | | | | | | |
| Por favor, indicar en los pedidos la alimentación deseada para el ventilador / *Please indicate the required fan supply voltage when placing your order* | | | | | | | |

| Freno de Bloqueo (opcional)<br>*Holding Brake (optional)* | 150 Nm | 24 Vdc | 3,5 A | 85 W | 12 Kg | J = 0.0029 Kg m$^2$ |
|---|---|---|---|---|---|---|
| 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 vacio<br>*No Load Current*<br>(A) |
| 111 | 270 | 22.9 | 9.2 | 326 | 12 | 740 | 400 | 32.2 | 13.6 | 326 | 13 | 540 | 9.8 |
| 211 | 270 | 29.3 | 13.0 | 461 | 17 | 1060 | 400 | 41.1 | 19.3 | 461 | 17 | 780 | 12.8 |
| 112 | 270 | 37.5 | 17.7 | 625 | 22 | 1430 | 400 | 52.5 | 26.1 | 625 | 23 | 1050 | 16.5 |
| 121 | 270 | 43.1 | 21.1 | 745 | 26 | 1710 | 400 | 60.8 | 31.2 | 745 | 27 | 1260 | 17.9 |
| 212 | 270 | 49.3 | 24.4 | 865 | 30 | 1980 | 400 | 69.2 | 36.2 | 865 | 31 | 1460 | 21.2 |
| 221 | 270 | 57.2 | 28.7 | 1015 | 35 | 2330 | 400 | 80.4 | 42.5 | 1015 | 36 | 1720 | 24.4 |
| 122 | 270 | 74.0 | 38.0 | 1345 | 46 | 3090 | 400 | 103.9 | 56.3 | 1345 | 47 | 2280 | 31.9 |
| 141 | 270 | 85.4 | 43.9 | 1555 | 53 | 3570 | 400 | 119.7 | 65.1 | 1555 | 54 | 2640 | 37.2 |
| 222 | 270 | 99.2 | 50.8 | 1796 | 61 | 4130 | 399 | 138.0 | 75.0 | 1796 | 62 | 3050 | 45.5 |
| 241 | 270 | 113.9 | 59.2 | 2095 | 71 | 4810 | 400 | 159.5 | 87.6 | 2095 | 72 | 3550 | 50.0 |
| 142 | 270 | 148.0 | 77.9 | 2755 | 93 | 6000 | 400 | 207.3 | 115.2 | 2755 | 94 | 4660 | 64.9 |

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




*Motor MAC QI 132 X ed09 31/10/06*

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

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

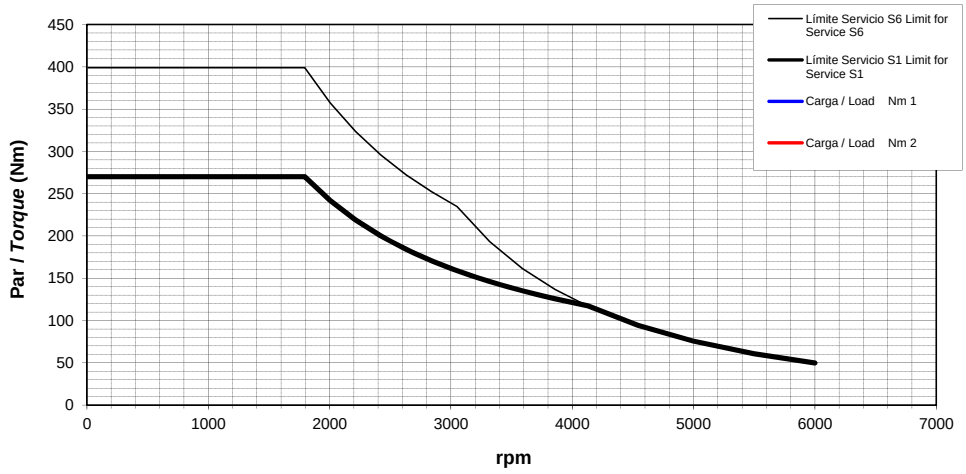
| | | |
|---|---|---|
| VASCAT | MOTOR MAC QI 132 X<br>- Hoja de Curvas Características -<br>*- Power and Torque Diagrams -* | Página 2/2<br>Fecha 24/03/2015 |

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

| | 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 vacio *No Load Current* (A) |
| 222 | 270 | 99 | 50.8 | 1796 | 61 | 4130 | 399 | 138 | 75.0 | 1796 | 62 | 3050 | 46 |

| Carga / Load | | |
|---|---|---|
| rpm | Nm 1 | Nm 2 |
| | | |
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**Curva de Par / *Torque Diagram***




| Carga / Load | | |
|---|---|---|
| rpm | KW 1 | KW 2 |
| | | |
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**Curva de Potencia / *Power Diagram***

