| VASCAT | MOTOR MAC QI 200 X<br>- Hoja de Datos Técnicos -<br>*- Technical Datasheet -* | Codigo: DT-QI200X<br>Edición: 04<br>Página: 1/2<br>Fecha: 30/04/2015 |
|---|---|---|

| Ventilador / Fan | |
|---|---|
| Tipo de Refrigeración<br>*Cooling Mode* | IC 06 |
| Alimentación / *Supply* | 400V 50Hz |
| Potencia / *Power* | 1,50 kW |
| Corriente / *Current* | 2,9 A |
| Velocidad / *Speed* | 2860 rpm |
| Caudal / *Air flow* | 2400 m3/h |
| Presión / *Pressure* | 1000 Pa |
| Por favor, indicar en los pedidos la alimentación deseada para el ventilador / *Please indicate the required fan supply voltage when placing your order* | |

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|---|---|---|---|---|---|
| Rodamientos<br>*Bearings* | Delantero<br>*Drive End* | 6219 ZZ C3 | Trasero<br>*Non Drive End* | 6312 ZZC3 | |
| Nº de polos<br>*No of poles* | 6 | Momento de inercia<br>*Rotor Inertia* | J=1,676 Kg m2 | Peso Motor<br>*Motor Weight* | 760 Kg |
| Protección<br>*Protection Degree* | IP 23 | Construcción<br>*Mounting* | IM B3 / B35 | Equilibrado grado<br>*Balancing degree* | A |
| Nivel de ruido<br>*Noise Level* | < 80 dB | Velocidad máxima mecánica<br>*Max. Mechanical Speed* | 4000 rpm | | |
| Aislamiento Clase<br>*Insulation Class* | F | Protección Térmica<br>*Thermal Protection* | PTC 140 ºC | Ambiente<br>*Ambient* | < 40 ºC < 1000 m |
| Normas de referencia<br>*Reference Standards* | EN60034 | Conmutación Variador<br>*Inverter Switching* | 4 kHz; du/dt TS60034-25 Type B | | |

| Freno de Bloqueo (opcional)<br>*Holding Brake (optional)* | 300 Nm | 24 Vdc | 2.5 A | 60 W | 18 Kg | J = 0.0017 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) |
| A61 | 1600 | 126 | 63 | 379 | 20 | 850 | 2360 | 176 | 94 | 379 | 20 | 630 | 54 |
| B61 | 1600 | 150 | 77 | 460 | 24 | 1030 | 2360 | 210 | 114 | 460 | 24 | 760 | 67 |
| C61 | 1600 | 173 | 90 | 539 | 28 | 1210 | 2360 | 243 | 133 | 539 | 28 | 890 | 75 |
| D61 | 1600 | 204 | 107 | 639 | 33 | 1430 | 2360 | 286 | 158 | 639 | 33 | 1060 | 91 |
| E61 | 1600 | 250 | 134 | 799 | 41 | 1790 | 2370 | 351 | 198 | 799 | 42 | 1320 | 106 |
| F61 | 1600 | 281 | 151 | 899 | 46 | 2020 | 2360 | 394 | 222 | 899 | 46 | 1490 | 122 |
| G61 | 1600 | 321 | 174 | 1039 | 53 | 2330 | 2370 | 451 | 258 | 1039 | 54 | 1720 | 136 |
| H61 | 1600 | 374 | 201 | 1200 | 61 | 2700 | 2360 | 522 | 296 | 1200 | 61 | 2000 | 167 |
| E62 | 1600 | 431 | 234 | 1399 | 71 | 3140 | 2360 | 603 | 346 | 1399 | 71 | 2320 | 192 |
| F62 | 1525 | 467 | 252 | 1580 | 80 | 3550 | 2250 | 649 | 372 | 1580 | 80 | 2630 | 217 |
| G62 | 1450 | 514 | 276 | 1821 | 92 | 4000 | 2130 | 710 | 406 | 1821 | 92 | 3030 | 245 |

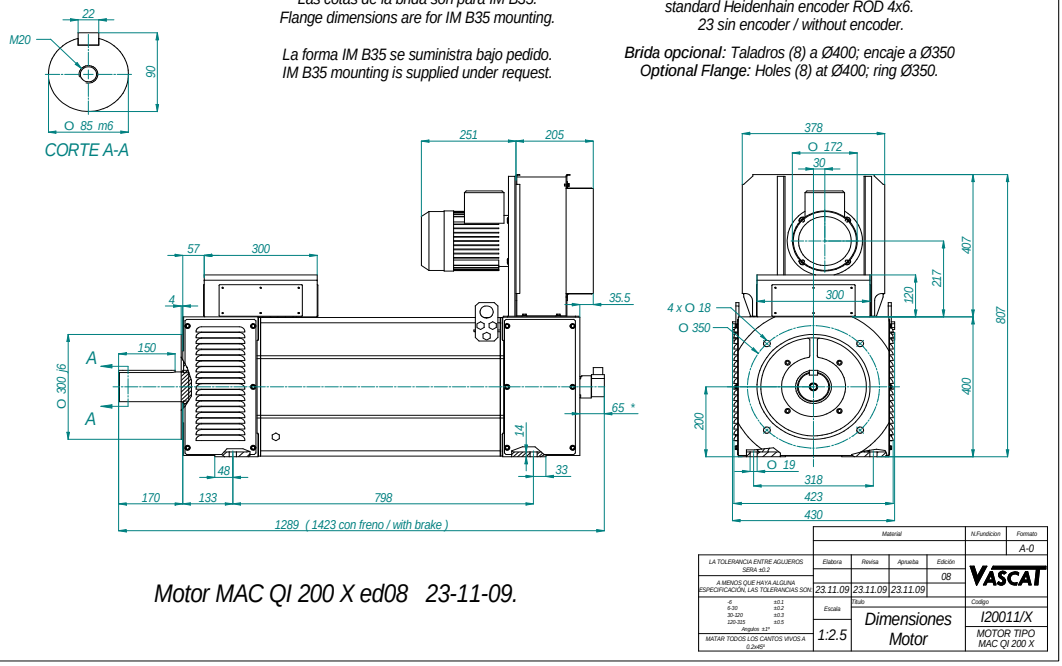
Otras Velocidades disponibles bajo consulta a nuestra O.T. / *Other speeds available under request*

*Las cotas de la brida son para IM B35.*
*Flange dimensions are for IM B35 mounting.*

*La forma IM B35 se suministra bajo pedido.*
*IM B35 mounting is supplied under request.*

** 65 con encoder estándar Heidenhain ROD 4x6 / with standard Heidenhain encoder ROD 4x6.*
*23 sin encoder / without encoder.*

***Brida opcional:** Taladros (8) a Ø400; encaje a Ø350*
***Optional Flange:** Holes (8) at Ø400; ring Ø350.*




*Motor MAC QI 200 X ed08 23-11-09.*

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

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

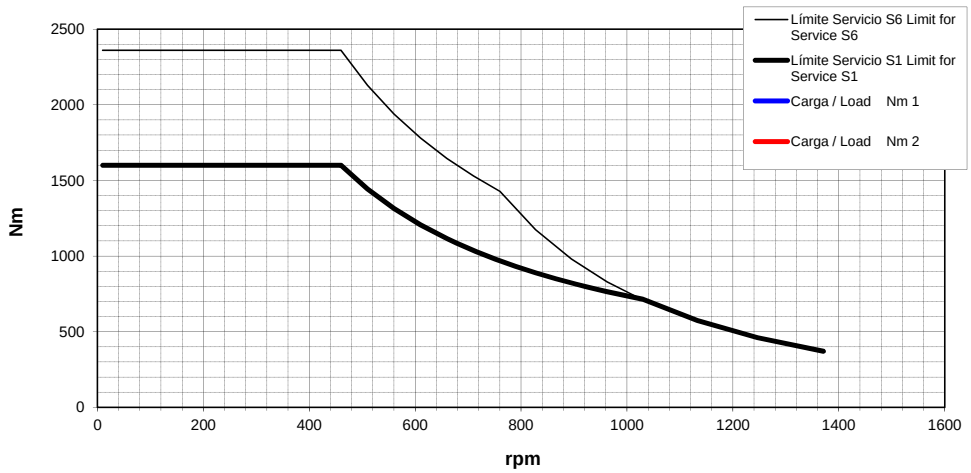
| VASCAT | MOTOR MAC QI 200 X<br>- Hoja de Curvas Características -<br>*- Power and Torque Diagrams -* | Página 2/2<br>Fecha 30/04/2015 |
|---|---|---|

| 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) |
| B61 | 1600 | 150 | 77 | 460 | 24 | 1030 | 2360 | 210 | 114 | 460 | 24 | 760 | 67 |

| 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***

