



# MAC HS4 250 P

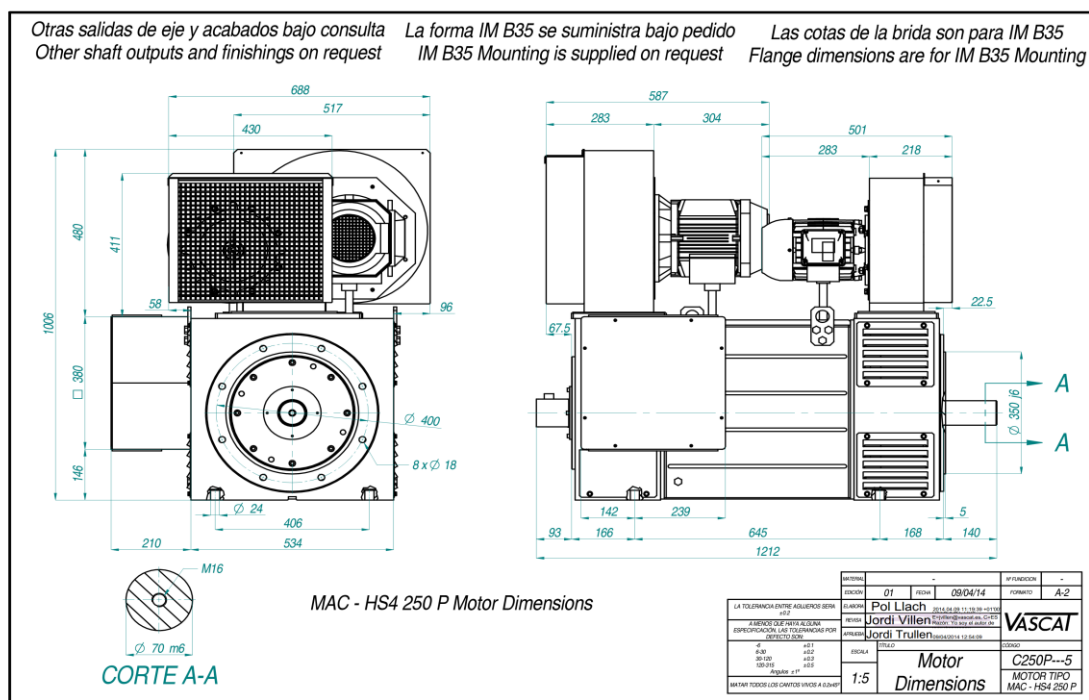
- Hoja de Datos Técnicos en Modo Motor -  
- Driving Mode Technical Datasheet -

Código DT-HS4250P  
Edición 03  
Página 1/2  
Fecha 18/03/2015

|                                                                                 |  |                                                              |                                                |
|---------------------------------------------------------------------------------|--|--------------------------------------------------------------|------------------------------------------------|
| <b>Ventiladores / Fans</b>                                                      |  | Rodamientos Rodamientos híbridos cerámicos de alta velocidad |                                                |
| Refrigeración IC 06                                                             |  | Bearings High speed hybrid ceramic spindle bearings          |                                                |
| Cooling                                                                         |  | Nº de Polos 4                                                | Momento de inercia J = 1,486 Kg m <sup>2</sup> |
| Alimentación / Supply 400V 50Hz                                                 |  | No. of Poles                                                 | Rotor Inertia                                  |
| Posición / Position D.E N.D.E                                                   |  | Peso Motor 1225 Kg                                           |                                                |
| Potencia / Power 1,5 kW 4 KW                                                    |  | Motor Weight                                                 |                                                |
| Corriente / Current 2,9 A 7,6 A                                                 |  | Equilibrado grado B                                          |                                                |
| Velocidad / Speed 2900 rpm 2885rpm                                              |  | Balancing degree                                             |                                                |
| Caudal / Air flow 2170 m3/h 3210 m3/h                                           |  | Velocidad máxima mecánica 7000 rpm                           |                                                |
| Presión / Pressure 1625 Pa 2400 Pa                                              |  | Max. Mechanical Speed                                        |                                                |
| Aislamiento Clase F                                                             |  | Protección Térmica PTC 140 °C                                |                                                |
| Insulation Class                                                                |  | Thermal Protection +Pt100                                    |                                                |
| Ambiente < 40°C < 1000m                                                         |  | Ambient                                                      |                                                |
| Por favor, indicar en los pedidos la alimentación deseada para los ventiladores |  | Normas de referencia EN60034                                 |                                                |
| Please indicate on the orders the desired supply for the fans                   |  | Reference Standards                                          |                                                |
| Equipados con anillo SGR de puesta a tierra del eje                             |  | Conmutación variador 4 kHz; du/dt TS60034-25 Type B          |                                                |
| Equipped with SGR shaft grounding ring                                          |  | Inverter switching                                           |                                                |
| Tensión de Base del Motor Vb 400 V                                              |  | Sondas Térmicas Rodamientos Pt100                            |                                                |
| Motor Base Voltage                                                              |  | Bearing Thermal Probes                                       |                                                |
| Tensión Máxima de Salida del Convertidor Vc 400 V                               |  | Inverter max. Output Voltage                                 |                                                |

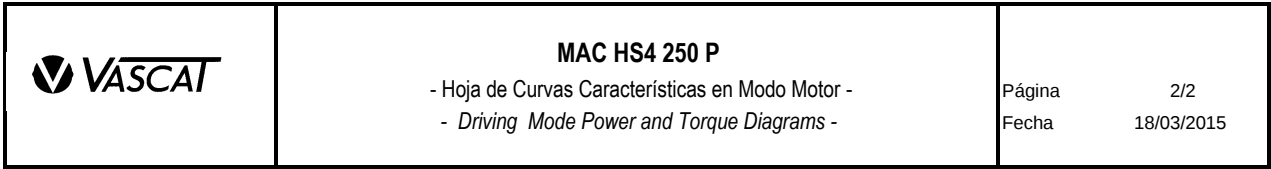
| Servicio / Service S1 |     |     |     |      |     |                                               | Servicio / Service S6 - 40% |     |     |      |     |                                               |                                        |
|-----------------------|-----|-----|-----|------|-----|-----------------------------------------------|-----------------------------|-----|-----|------|-----|-----------------------------------------------|----------------------------------------|
| 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) |
| F42                   | 900 | 590 | 354 | 3758 | 126 | 7000                                          | 1330                        | 848 | 523 | 3758 | 126 | 5960                                          | 208                                    |

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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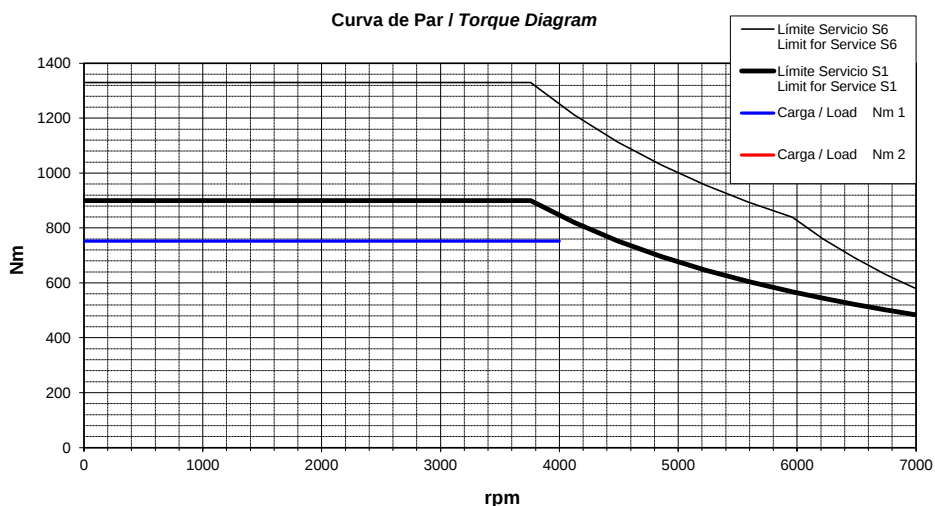
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| Tensión de Base del Motor<br><i>Motor Base Voltage</i> | <b>400 V</b> | Tensión Máxima de Salida del Convertidor<br><i>Inverter max. Output Voltage</i> | <b>400 V</b> |
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|                     | Servicio / Service S1 |     |     |      |     |                                                     | Servicio / Service S6 - 40% |     |     |      |     |                                                     |                                              |
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