

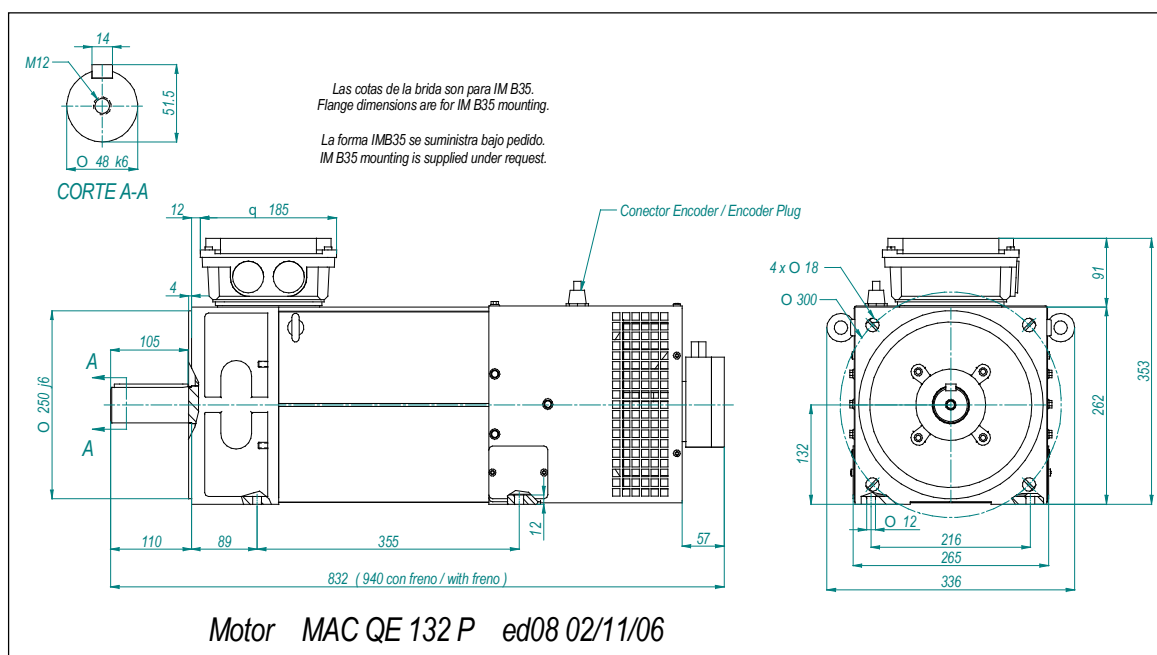
**MOTOR MAC QE 132 P**

- Hoja de Datos Técnicos -
- Technical Datasheet -

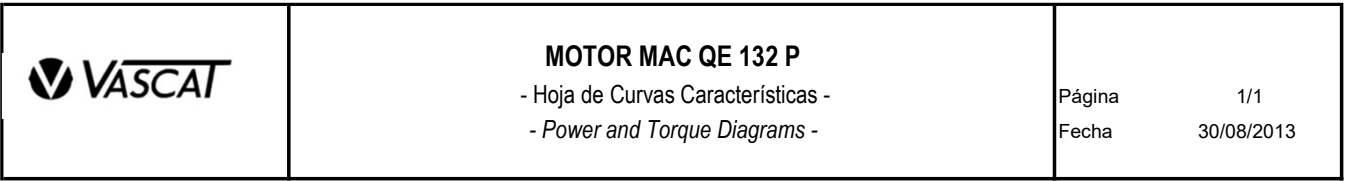
Código DT-QE132P
Edición 10
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Fecha 30/08/2013

Ventilador / Fan			Rodamientos <i>Bearings</i>		Delantero <i>Drive End</i>		6310 ZZ C3		Trasero <i>Non Drive End</i>		6208 ZZ C3											
Tensión / <i>Voltage</i>		1ph 230 V		Momento de inercia <i>Rotor Inertia</i>					J = 0,091 Kg m ²			Peso Motor <i>Motor Weight</i>		145 Kg								
Frec. / <i>Frequency</i>		50 Hz 60 Hz		Protección <i>Protection Degree</i>			IP 54		Construcción <i>Mounting</i>			IM B3 / B35			Refrigeración <i>Cooling</i>		IC416					
Corrientes / <i>Current</i>		0,60 A 0,88 A		Nivel de ruido <i>Noise Level</i>					< 80 dB			Velocidad máxima mecánica <i>Max. Mechanical Speed</i>					6000 rpm					
Condens. / <i>Capacitor</i>		4 uF / 450 V		Equilibrado grado <i>Balancing degree</i>			A		Aislamiento Clase <i>Insulation Class</i>			F		Protección Térmica <i>Thermal Protection</i>			PTC 140 °C		Ambiente <i>Ambient</i>		< 40 °C < 1000 m	
Velocidad / <i>Speed</i>		2650 rpm 2950 rpm		Freno de Bloqueo (opcional) <i>Holding Brake (optional)</i>			150 Nm		24 Vdc		3,5 A		85 W		12 Kg		J = 0.0029 Kg m ²					
Caudal / <i>Air flow</i>		1200 m3/h 1340 m3/h		Tensión de Base del Motor <i>Motor Base Voltage</i>			Vb		400 V		Tensión Máxima de Salida del Convertidor <i>Inverter max. Output Voltage</i>			Vc		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 vacío No Load Current (A)
142	155	111	54.6	3365	113	6000	227	149	80.0	3365	113	6000	60



Elabora:	Revisa:	Aprueba:
#####	#####	#####



- Hoja de Curvas Características -
- *Power and Torque Diagrams* -

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Tensión de Base del Motor <i>Motor Base Voltage</i>	400 V	Tensión Máxima de Salida del Convertidor <i>Inverter max. Output Voltage</i>	400 V
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ESTE BOBINADO NO EXISTE / THIS WINDING DOESN'T EXIST

Curva de Par / Torque Diagram

The diagram plots Torque (Nm) on the Y-axis (0 to 12000) against rpm on the X-axis (0 to 12). It shows the torque limits for Service S6 and Service S1, and the torque curves for Nm 1 and Nm 2.

- Límite Servicio S6 Limit for Service S6:** A thin black horizontal line at approximately 9500 Nm.
- Límite Servicio S1 Limit for Service S1:** A thick black horizontal line at approximately 9500 Nm.
- Carga / Load Nm 1:** A blue curve starting at 0 rpm and 0 Nm, rising sharply to about 9500 Nm at 0.5 rpm, then remaining constant.
- Carga / Load Nm 2:** A red curve starting at 0 rpm and 0 Nm, rising sharply to about 5000 Nm at 0.5 rpm, then remaining constant.

Curva de Potencia / Power Diagram

The diagram shows the power consumption of the system under different load conditions. The Y-axis represents Power in KW, ranging from 0 to 12. The X-axis represents the speed in rpm, ranging from 0 to 12. The legend indicates four data series:

- Límite Servicio S6 Limit for Service S6 (Thin grey line)
- Límite Servicio S1 Limit for Service S1 (Thick black line)
- Carga / Load KW 1 (Blue line)
- Carga / Load KW 2 (Red line)

The S1 and S6 limits are identical, starting at (0,0) and reaching approximately (11.5, 9.5). The load for KW 1 and KW 2 is represented by a blue and red line respectively, which is not clearly visible in the provided image.