



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

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
--	--------------	---	--------------

400 V

[illegible]

The graph shows the torque characteristics for two services, S1 and S6, plotted against RPM. The y-axis represents Torque (Nm) from 0 to 600, and the x-axis represents RPM from 0 to 6000. Both services maintain a constant torque of 500 Nm for S6 and 340 Nm for S1 up to 3000 RPM. Beyond 3000 RPM, the torque decreases for both services, with S6 reaching approximately 300 Nm and S1 reaching approximately 200 Nm at 5000 RPM.

RPM	Limite Servicio S6 Limit for Service S6 (Nm)	Limite Servicio S1 Limit for Service S1 (Nm)
0	500	340
3000	500	340
5000	300	200

[illegible]

The graph shows the power consumption in KW as a function of the rotational speed in rpm. The y-axis represents 'Potencia / Power (KW)' ranging from 0 to 180 in increments of 20. The x-axis represents 'rpm' ranging from 0 to 6000 in increments of 1000. There are four data series plotted:

- Limite Servicio S6 Limit for Service S6:** A thin black line that increases linearly from (0, 0) to (3000, 160) and then remains constant at 160 KW up to 6000 rpm.
- Limite Servicio S1 Limit for Service S1:** A thick black line that increases linearly from (0, 0) to (3000, 105) and then remains constant at 105 KW up to 6000 rpm.
- Carga / Load KW 1:** A blue line that is not clearly visible, likely overlapping with the S1 limit.
- Carga / Load KW 2:** A red line that is not clearly visible, likely overlapping with the S1 limit.

rpm	Limite Servicio S6 (KW)	Limite Servicio S1 (KW)
0	0	0
1000	53.3	35
2000	106.7	70
3000	160	105
4000	160	105
5000	160	105
6000	160	105