
August 17, 2009

Misconceptions on Energy Efficient Motors

As stated in the EASA literature *Understanding Energy Efficient Motors*, the number one most common misconception about energy efficient motors is that “An oversized motor is less efficient”. The bottom line is that a motor often runs most efficiently somewhere between 60% and 85% full load. This means that a 30HP load would be more efficiently supplied by a partially loaded 50HP motor than a fully loaded 30HP motor.

For more information on making motor replacement decisions using energy analysis software go to:
<http://www.pdma.com/webinars/MCEGold2.2/EnergyCostanalysis.html>

To get a copy of EASA literature on energy efficiency go to <http://www.easa.com>

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA mug or hat if we publish it! Contact Lou at 813-621-6463 ext. 126 or lou@pdma.com.

Copyright 2009 PdMA Corporation. All rights reserved. The PdMA Tip of the Week is produced by PdMA. PdMA shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.