



**"The Right Control
for your Application"**

TO: ALL KB SALES REPRESENTATIVES & DISTRIBUTORS

SUBJECT: KB DBVF ELECTRICAL RATINGS

The DBVF (SC# 9598) Dynamic Braking module was designed for use with any KBVF control which is 115 or 230 VAC input, up to and including the KBVF-29. The DBVF is rated for 200 watts continuous dissipation. Other ratings can be accomplished as long as the average watts dissipated are less than or equal to 200 watts continuous. Some examples include:

200 watts (1/4 HP) continuous on an overhauling load.

375 watts (1/2 HP) on an intermittent basis, 50% on, 50% off

750 watts (1 HP) to stop a motor 16x per minute with 1 second deceleration time

750 watts (1 HP) to stop a motor 2x per minute with up to 8 second deceleration time
(medium inertia flywheel)

750 watts (1 HP) to stop a motor 1x per minute with up to 16 second deceleration time
(high inertia flywheel)

1500 watts (2 HP) to stop a motor 8x per minute with 1 second deceleration time

1500 watts (2 HP) to stop a motor 1x per minute for up to 8 second deceleration time
(high inertia flywheel)

2250 watts (3 HP) to stop a motor 5x per minute with 1 second deceleration time

2250 watts (3 HP) to stop a motor 1x per minute with up to 5 second deceleration time

There are no concerns regarding peak currents. In general, if the KBVF IGBT's can handle the peak current, then so can the DBVF.

Please feel free to contact us if you have any questions.

Sincerely,

Richard Fritts
National Sales Manager