



"The Right Control
for your Application"

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Subject: KBMG vs. KBRG Regenerative DC Drives Comparison

This note provides a comparison of features between the ultra-compact KBMG-212D DC Drive and the full-featured KBRG-240D DC Drive. Although each DC Drive has a maximum rating of 2 HP, the KBRG-240D DC Drive has additional features that may be necessary for some applications.

The KBMG-212D DC Drive is a direct replacement for the KBRG-212D DC Drive. Although smaller, the KBMG-212D DC Drive has many of the same features, trimpot adjustments and jumper selections as the KBRG-212D. In addition, when mounted on our auxiliary 7" heatsink, the max DC load current is raised to 11.0 amps. This allows the drive to power up to a 1 HP, 90 VDC or 2 HP, 180 VDC motor.

KBRG-240D & KBMG-212D MODEL COMPARISON

MODEL	KBRG-240D	KBMG-212D
Input Voltage Frequency	115/230 VAC 50/60 Hz.	115/230 VAC 50/60 Hz.
HP Range	1/4-1 HP @ 90 VDC 1/2-2 HP @ 180 VDC	1/8-3/4 HP @ 90 VDC 1 HP on a heatsink 1/4-1 1/2 HP @ 180 VDC 2 HP on a heatsink
Overload Protection	Timed Current Limit W/Fault Relay Output	Current Limit
Start/Stop Method	Three Wire (Start/Stop) or Two Wire (Enable)	Two Wire (Enable)
Stopping Mode	Coast to Stop	Coast to Stop or Regen to Stop
Fusing	On-Board Fusing for Line, Load and Logic Board	No Provisions for Fusing
LED Indicators	Power On (Green) Overload (Red) Fwd/Rev Enable (Yellow)	Power On (Green) Overload (Red)
Drive Modes	Speed, Linear or Non-Linear Torque	Speed, Linear Torque

Sincerely,

Richard Fritts

National Sales Manager