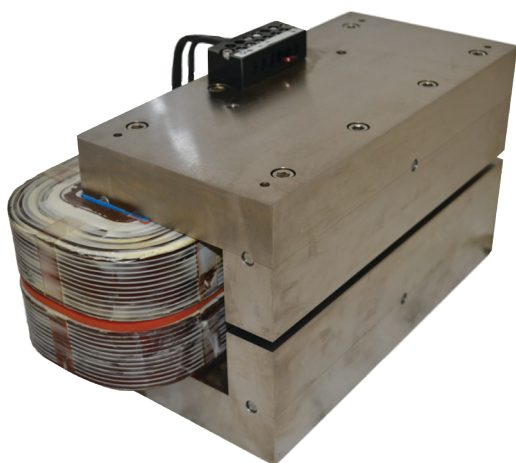


Dipole

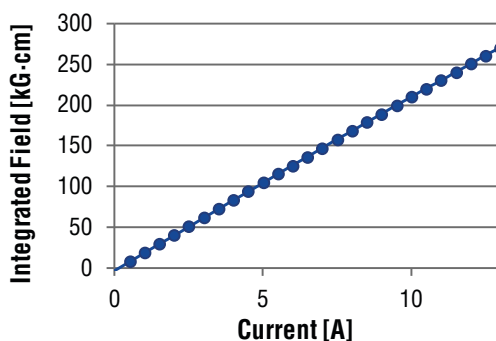
EMD-01-032-1400



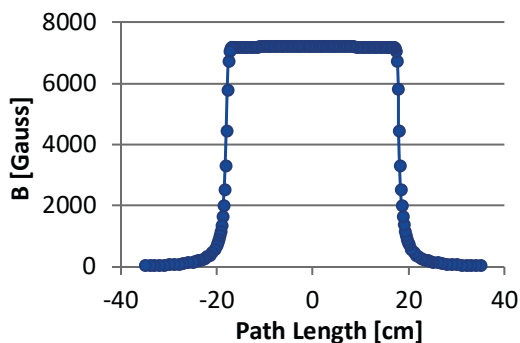
The EMD-01-032-1400 dipole is a C-frame dipole with excellent linearity and gap parallelism. Its 20 mm wide good field region and high strength makes it ideal for GeV-class beams. Integrated trim coils and small unit-to-unit gap variability makes this dipole ideal for a chicane. A matching chamber is also available.

Integrated field.....	270,000 G-cm
Field strength.....	7220 G
Magnetic length	37.4 cm
Current.....	13.0 A
Voltage.....	7.0 V
Power.....	91 W
Calibration.....	21 kG-cm/A
Number of turns.....	384
Gap	0.8 cm
Pole length.....	35.6 cm
Maximum length.....	47 cm
Height	24 cm
Width	24 cm
Weight.....	130 kG

MAGNETIZATION



LONGITUDINAL PROFILE (I = 13.0 A)



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Other options are available upon request. Please contact us or visit our website for purchasing information.