Diesel Hammer Energy Output and Pile Bearing Chart
APE Model D138-42 Diesel Impact Hammer

The energy output is based on the identical Piston/Travel calculations utilized in the FHWA Gates Formula.
The pile bearing chart is based on the FHWA Gates Formula for pile bearing and is provided for the user's convenience only.

Pile Bearing (tons) = \(((1.75*\sqrt{E} \cdot \log_{10}(10N)) - 100) / 2000

E = Developed Energy and N = Number of Blows Per Inch

APE has no preference for these particular formulas and calculations over any other.