## Diesel Hammer Energy Output and Pile Bearing Chart

**APE Model D12-42 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.

\[
Pile\ Bearing\ (tons) = \left(1.75 \times \sqrt[10]{E \times \log_{10}N} - 100\right) / 2000
\]

\[
E = Developed\ Energy\ and\ N = Number\ of\ Blows\ Per\ Inch
\]

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

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