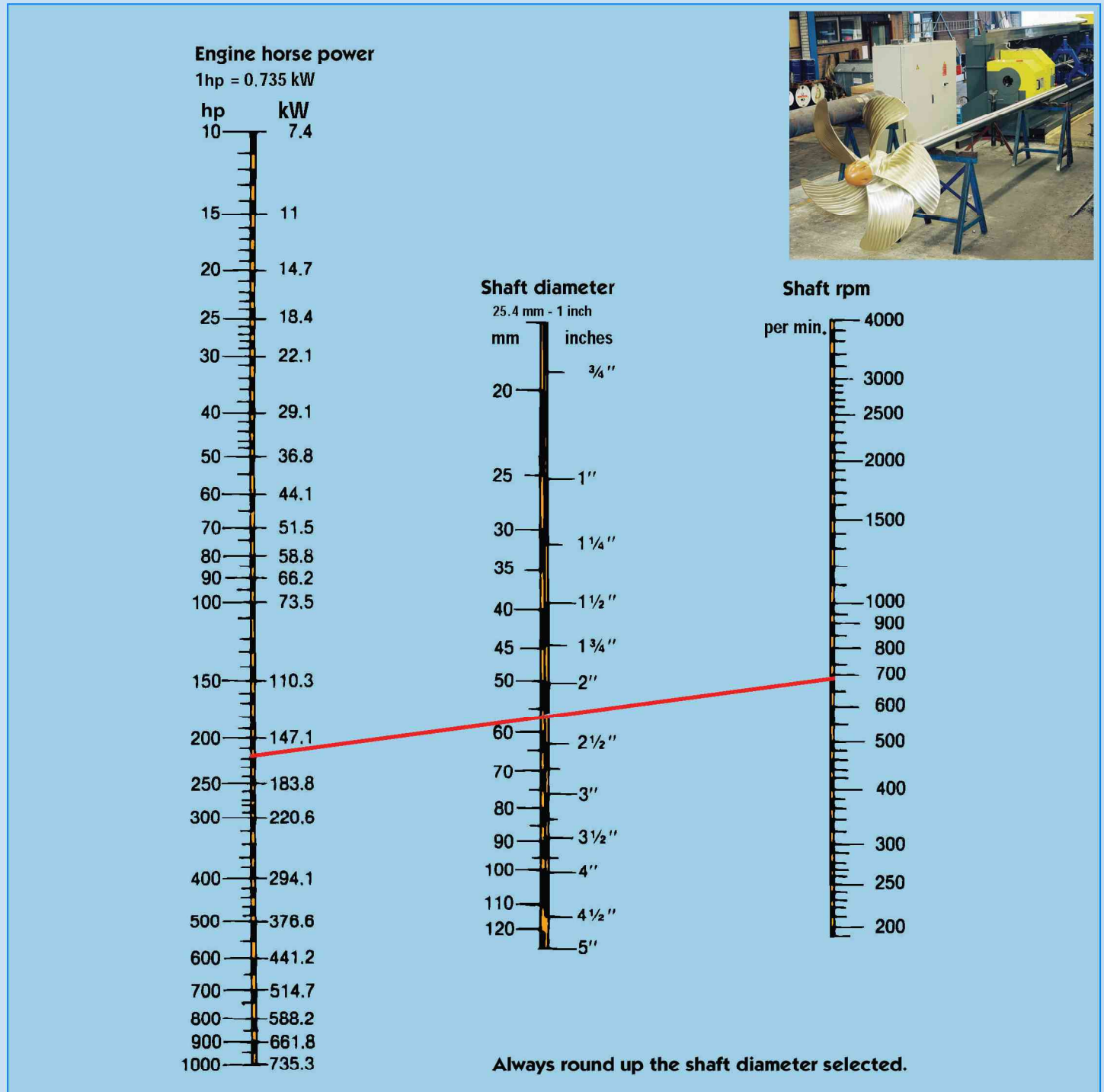


Nomogram to determine shaft diameter



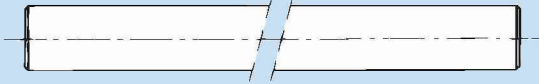
Example

Given an engine with 220 Hp (162 KW), 2000 rev/min and a reduction of the gearbox of 2.91:1. Shaft rpm is $\frac{2000}{2.91} = 687$. A line should be drawn from 687 rpm to 220 Hp. This line intersects the line of shaft diameters at a diameter of 57 mm. Rounding up, the advised diameter should be 60 mm, in accordance with the table of shaft diameters as shown above.

The diameter should be 60 mm, when using stainless steel. However, when using Aquamet 17, a diameter of 50 mm will suffice. When choosing the material of the shaft, please take into account that, although more expensive, Aquamet 17 is much stronger than stainless steel. On top of that, the smaller required diameter reduces the costs of bearings, sterntube, et cetera.

00-series

Design 01



10-series

Design 11



Design 12

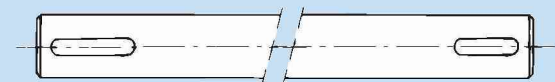


20-series

Design 21



Design 22



Design 23



Design 24



30-series

Design 31



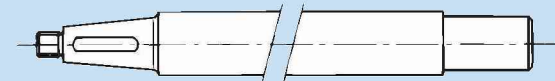
Design 32



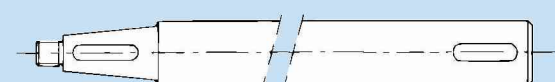
Design 33



Design 34



Design 35



40-series

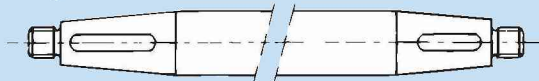
Design 41



Design 42



Design 43



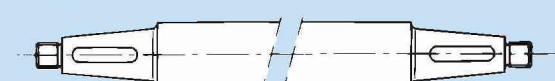
Design 44



Design 45



Design 46



Design 47



50-series

Design 51

