

# Performance Curves

## LKH-40, 60 Hz

Motor: **3500 rpm. synchr.**  
 Tolerance:  $\pm 5\%$   
 Impeller, Max. dia.: 9.252" (235 mm)  
 Impeller, Min. dia.: 6.693" (170 mm)  
 Pump inlet, Dia.: 3" (76 mm, DN 80)  
 Pump outlet, Dia.: 2" (51 mm, DN 50)

Performance data refer to water at 68°F (20°C)

**NOTE!**  
 The curves refer to motor:  
 33.5 Hp (25 kW), 3500 rpm. asynchr., 60 Hz.  
 For smaller motors, reduce head (H) with:  
 - 3% for 16.8-28.2 Hp (12.5-21 kW).  
 - 5% for 11.5 Hp (8.6 kW).  
**DO NOT FORGET THE SAFETY FACTOR.**

