

# Performance Curves

## LKH-35 Centrifugal Pumps - 60 Hz

Motor: **3500 rpm. synchr.**  
 Tolerance:  $\pm 5\%$ .  
 Impeller, Max. dia.: 8.661" (220 mm)  
 Impeller, Min. dia.: 6.693" (170 mm)  
 Pump inlet, Dia.: 2.5" (63.5 mm, DN 65)  
 Pump outlet, Dia.: 2" (51 mm, DN 50)

NOTE! The curves refer to motor: 28.2 Hp (21 kW), 3535 rpm. asynchr., 50 Hz.  
 For smaller motors, reduce head (H) with:  
 - 3% for 16.8-22.8 Hp (12.5-17 kW).  
 - 5% for 8.5-11.5 Hp (6.3-8.6 kW).  
**DO NOT FORGET THE SAFETY FACTOR.**

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

