

# Performance Curves

## LKH-50 Centrifugal Pumps - 60 Hz

Motor: **3500 rpm. synchr.**  
 Tolerance:  $\pm 5\%$   
 Impeller, Max. dia.: 8.070" (205 mm)  
 Impeller, Min. dia.: 5.906" (150 mm)  
 Pump inlet, Dia.: 4" (101.6 mm, DN 100)  
 Pump outlet, Dia.: 3" (76 mm, DN 80)

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 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).

