



PROCESS EQUIPMENT

www.rodem.com 800-543-7312

# Performance Curves

## LKH-45 Centrifugal Pumps - 60 Hz

Motor: **3500 rpm. synchr.**  
Tolerance: ±5%.  
Impeller, Max. dia.: 7.008" (178 mm)  
Impeller, Min. dia.: 5.512" (140 mm)  
Pump inlet, Dia.: 4" (101.6 mm, DN 100)  
Pump outlet, Dia.: 3" (76 mm, DN 80)

NOTE! The curves refer to motor: 33.5Hp (25 kW), 3545 rpm. asynchr., 60 Hz.  
For smaller motors, reduce head (H) with:  
- 3% for 16.8-28.2 Hp (12.5-21 kW).  
- 5% for 8.5-11.5Hp (6.3-8.6 kW).  
DO NOT FORGET THE SAFETY FACTOR.

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

