

# Performance Curves

## LKH-85, 50 Hz / 60 Hz

### 50 Hz

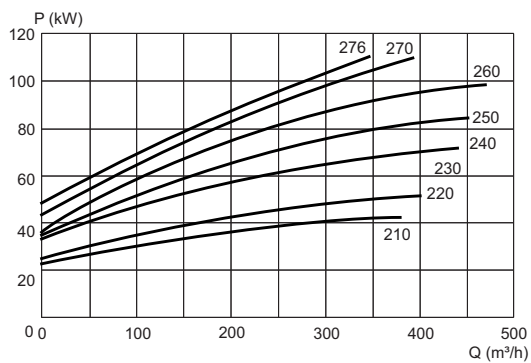
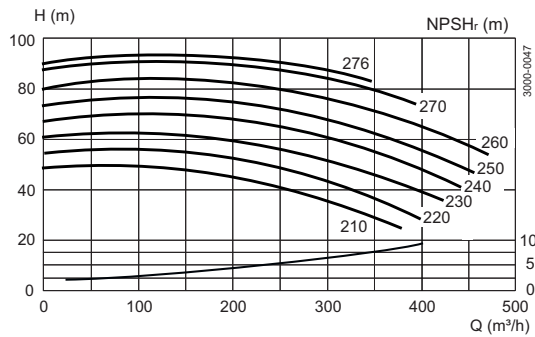
Motor: **3000 rpm. synchron.**  
 Tolerance: **±5%.**  
 Impeller, Max. dia.: **276 mm**  
 Impeller, Min. dia.: **210 mm**  
 Pump inlet, Dia.: **154 mm, DN 150**  
 Pump outlet, Dia.: **154 mm, DN 150**

Performance data refer to water at 20°C.

NOTE!

The curves refer to motor: 75 kW, 2970 rpm. asynchron., 50 Hz. For smaller motors, reduce head (H) with: 3%.

DO NOT FORGET THE SAFETY FACTOR.



### 60 Hz

Motor: **3600 rpm. synchron.**  
 Tolerance: **±5%.**  
 Impeller, Max. dia.: **260 mm**  
 Impeller, Min. dia.: **210 mm**  
 Pump inlet, Dia.: **154 mm, DN 150**  
 Pump outlet, Dia.: **154 mm, DN 150**

Performance data refer to water at 20°C.

NOTE!

The curves refer to motor: 86 kW, 3570 rpm. asynchron., 60 Hz. For smaller motors, reduce head (H) with: 3%.

DO NOT FORGET THE SAFETY FACTOR.

