



Performance Curves

Alfa Laval LKH-/ LKHUP-/ LKHUPF-/ LKHI/ LKH Evap-40, 50 Hz40, 60 Hz

Motor:	3000 rpm. synchr.	Motor:	1500 rpm. synchr.
Tolerance: Impeller, Max. dia.:	3500 rpm. synchr. ±5% 235 mm	Tolerance: Impeller, Max. dia.:	±5% 235 mm
Impeller, Min. dia.:	9.252" 170 mm	Impeller, Min. dia.:	180 mm
Pump inlet, Dia.:	6.693" 76 mm, DN 80	Pump inlet, Dia.:	76 mm, DN 80
Pump outlet, Dia.:	3", DN 80 63.5 mm, DN 65 2", DN 65	Pump outlet, Dia.:	63.5 mm, DN 65

Performance data refer to water at 20 °C.

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Performance data refer to water at 68 °F.

NOTE! The curves refer to motor: 22 kW, 2940 rpm. asynchr., 50 Hz. For smaller motors, reduce head (H) with:

- 3% for 11 - 18.5 kW.
- 5% for 7.5 kW.

NOTE! The curves refer to motor: 4 kW, 1425 rpm. asynchr., 50 Hz. For smaller motors, reduce head (H) with: 5%.

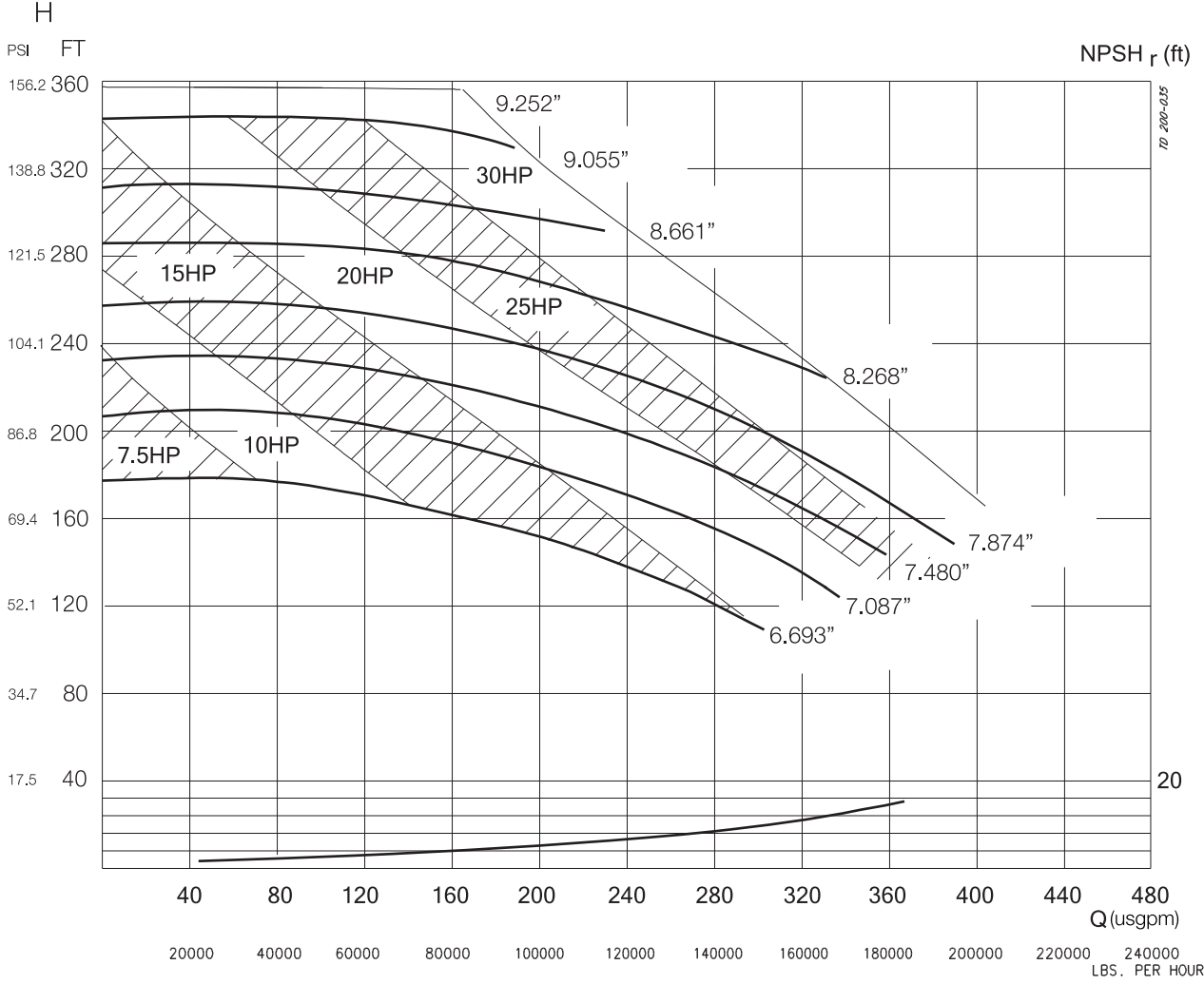
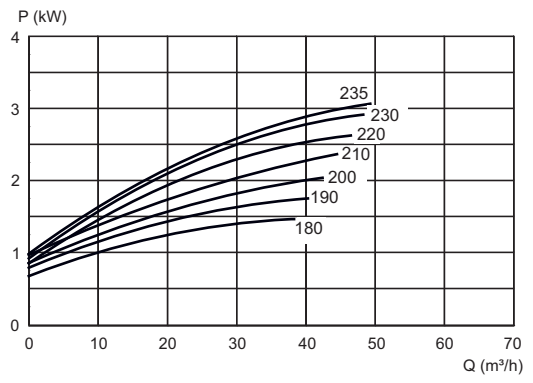
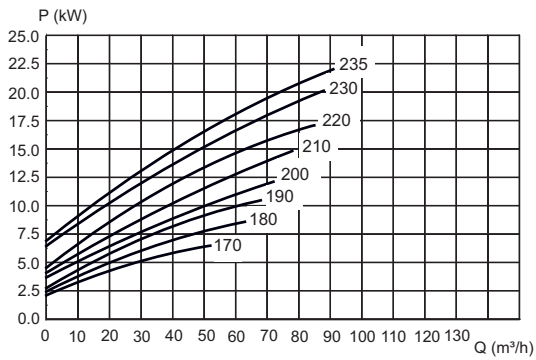
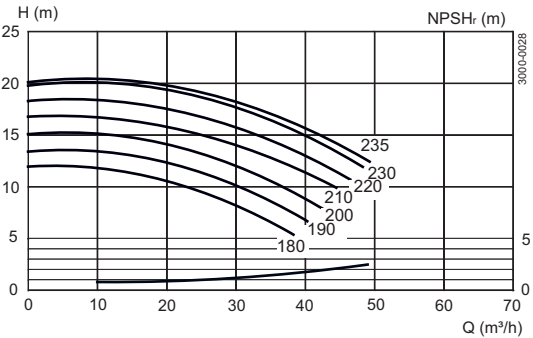
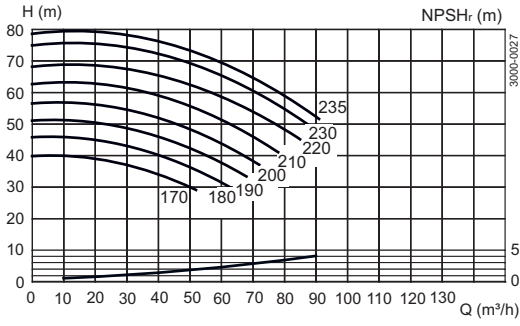
NOTE! The curves refer to motor: 33.5 Hp, 2940 rpm. asynchr., 60 Hz.

For smaller motors, reduce head (H) with:

- 3% for 16.8-28.2 Hp.
- 5% for 11.5 Hp.

DO NOT FORGET THE SAFETY FACTOR.

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Note: If Clear Flow impeller is mounted the performance can be up to 10% lower than on the curves shown.

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