



## Performance Curves

### Alfa Laval LKH-/ LKHPF-/ LKHI/ LKH Evap-50, 50 Hz/50, 60 Hz

Motor:	<b>3000 rpm. synchr.</b>	Motor:	<b>1500 rpm. synchr.</b>
	<b>3500 rpm. synchr.</b>		
Tolerance: Impeller, Max. dia.:	±5% 205 mm	Tolerance: Impeller, Max. dia.:	±5% 205 mm
Impeller, Min. dia.:	8.070" 150 mm	Impeller, Min. dia.:	160 mm
Pump inlet, Dia.:	5.906" 101.6 mm, DN 100	Pump inlet, Dia.:	101.6 mm, DN 100
Pump outlet, Dia.:	4", DN 100 76 mm, DN 80  3", DN 80	Pump outlet, Dia.:	76 mm, DN 80

Performance data refer to water at 20 °C.

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Performance data refer to water at 20 °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 5.5 - 7.5 kW.

NOTE! The curves refer to motor: 4 kW, 1430 rpm. asynchr., 50 Hz. For smaller motors, reduce head (H) with: 5%.

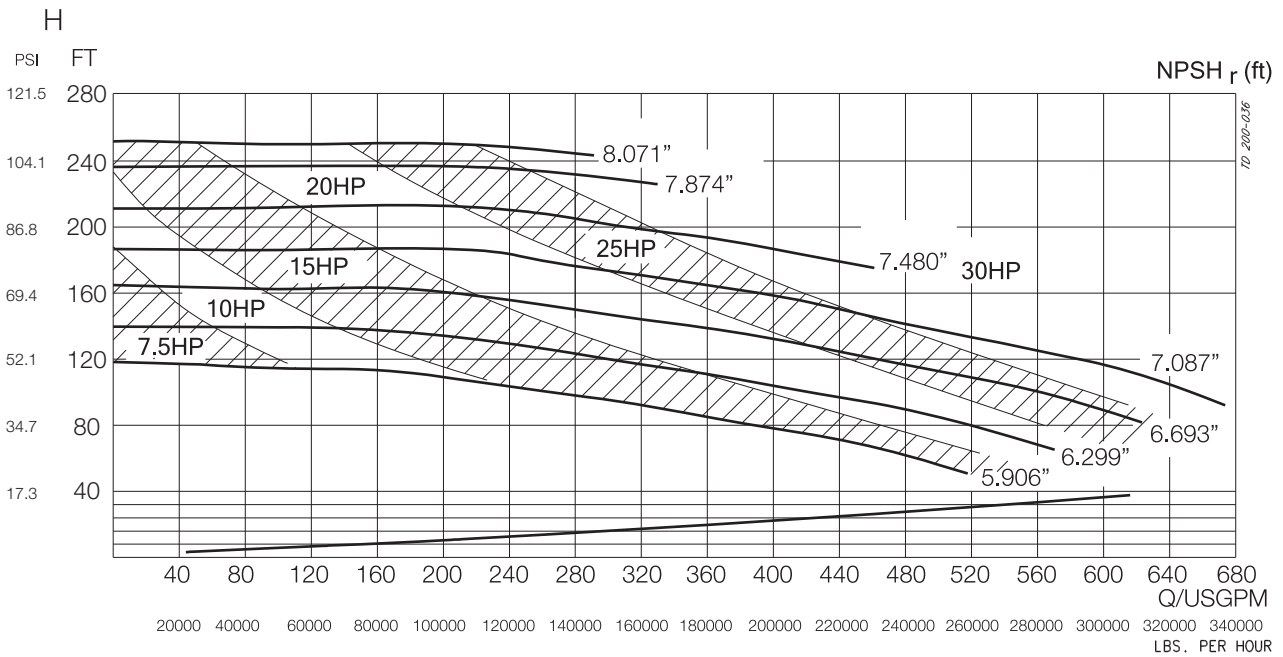
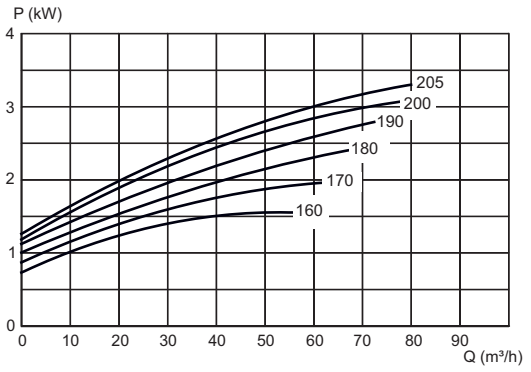
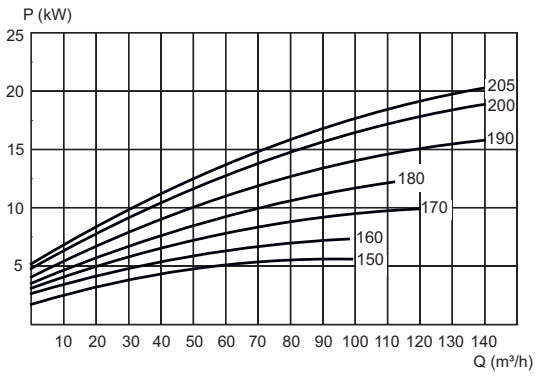
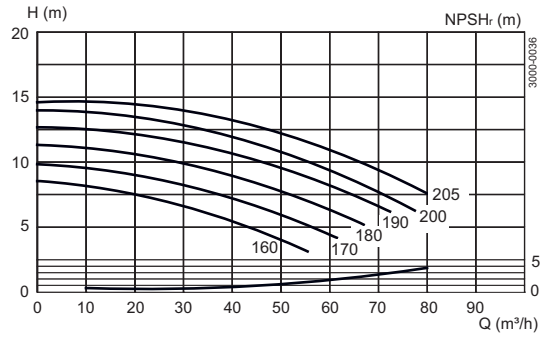
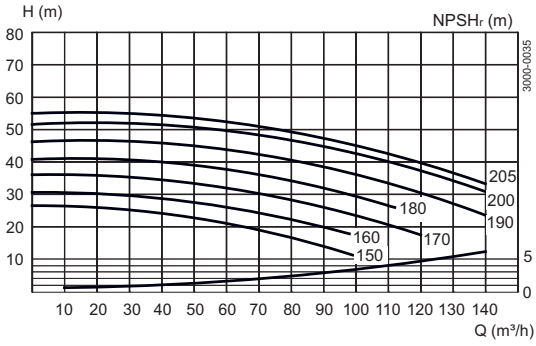
NOTE! The curves refer to motor: 33.5 Hp, 3500 rpm. asynchr., 60 Hz.

For smaller motors, reduce head (H) with:

- 3% for 16.8-28.2 Hp.
- 5% for 8.5-11.5 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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