



## Performance Curves

Alfa Laval LKH-/ LKHPF-/ LKHI/ LKH Evap-45, 50 Hz 45, 60 Hz

Motor:	3000 rpm. synchr.	Motor:	1500 rpm. synchr.
Tolerance: Impeller, Max. dia.:	<b>3500 rpm. synchr.</b> ±5% 178 mm	Tolerance: Impeller, Max. dia.:	±5% 178 mm
Impeller, Min. dia.:	7.008" 140 mm	Impeller, Min. dia.:	140 mm
Pump inlet, Dia.:	5.512" 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.

Performance data refer to water at 20 °F.

NOTE! The curves refer to motor: 15 kW, 2930 rpm. asynchr., 50 Hz. For smaller motors, reduce head (H) with: 3%.

NOTE! The curves refer to motor: 33.5 Hp, 3545 rpm. asynchr., 60 Hz.

For smaller motors, reduce head (H) with:

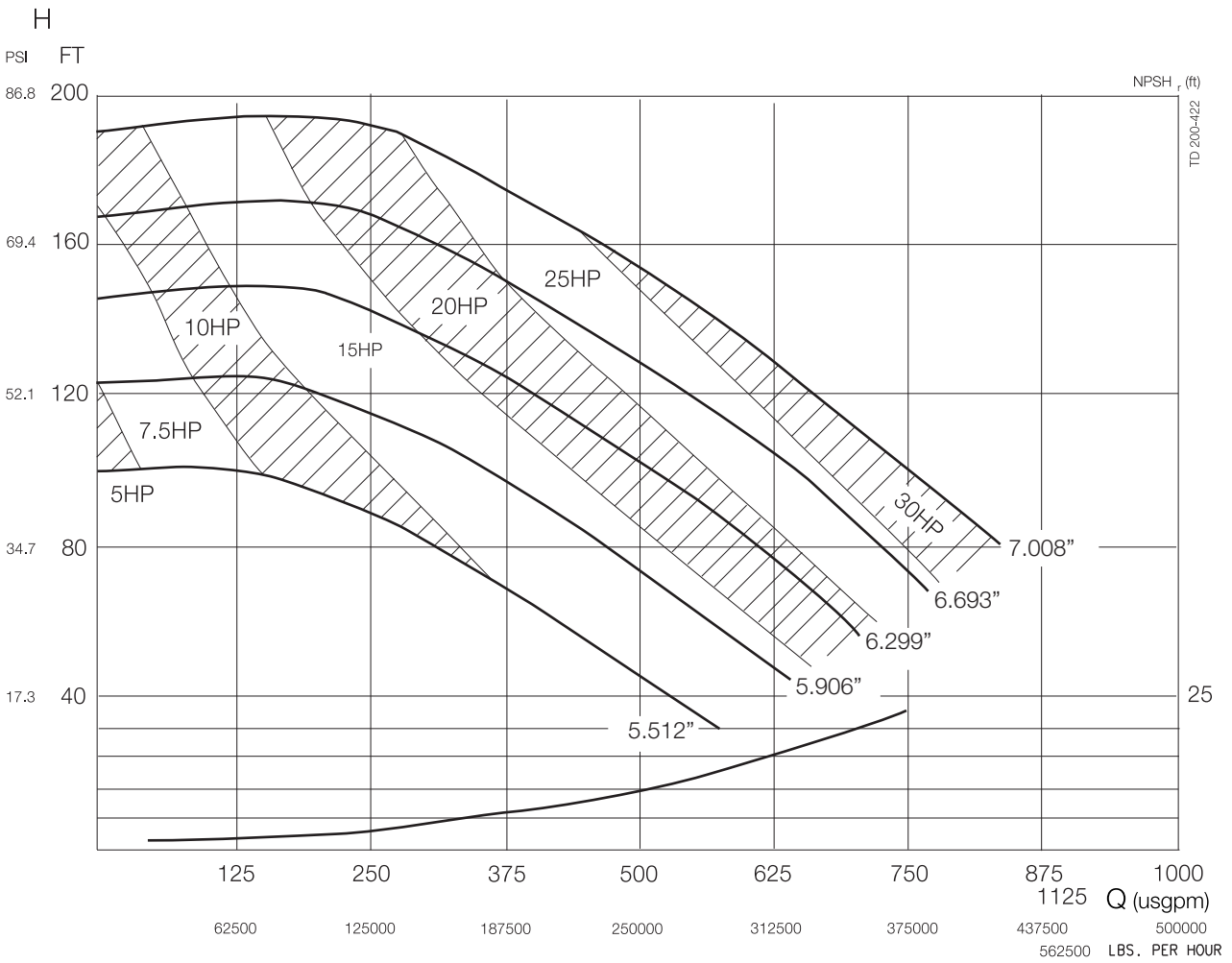
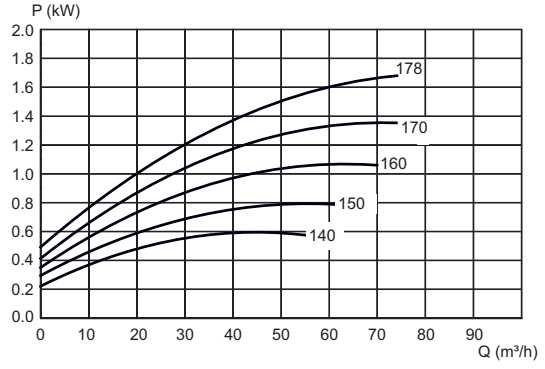
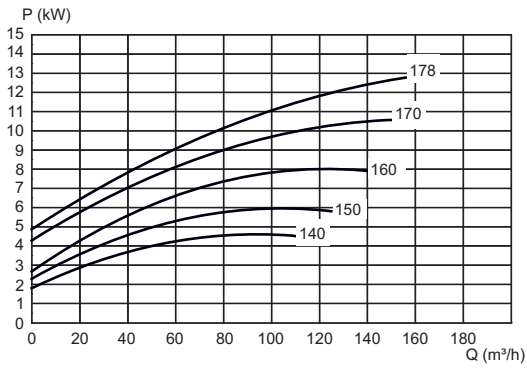
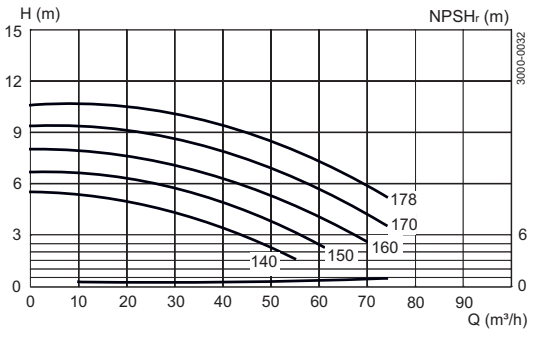
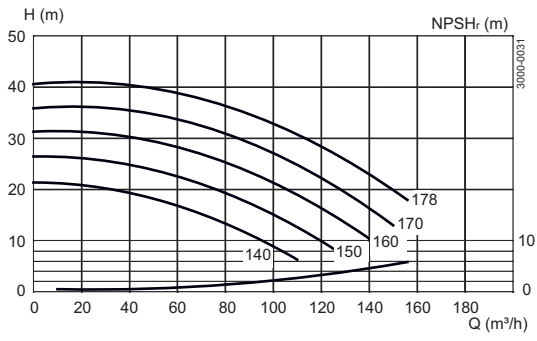
- 3% for 16.8-28.2 Hp.
- 5% for 8.5-11.5 Hp.

DO NOT FORGET THE SAFETY FACTOR.

Performance data refer to water at 20 °C.

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

DO NOT FORGET THE SAFETY FACTOR.



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

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