

Alfa Laval LKH Prime

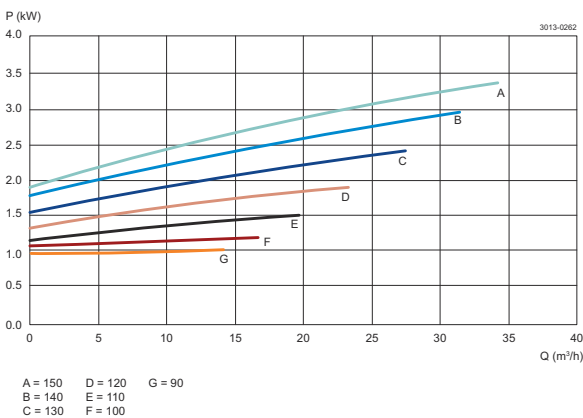
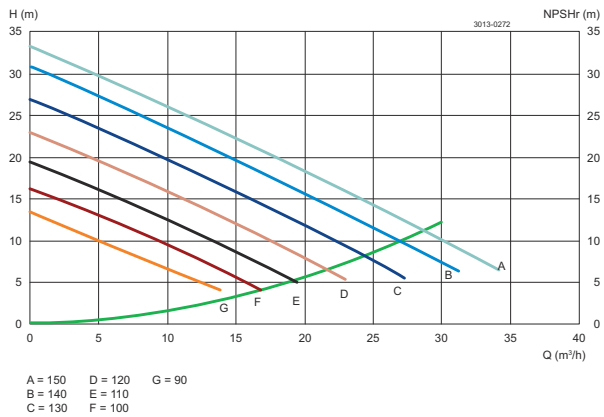
Performance curves

LKH Prime 10

	50 Hz
Motor:	3000 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	150 mm
Impeller, Min. dia.:	90 mm
Pump inlet, dia.:	51 mm, DN 50
Pump outlet, dia.:	51 mm, DN 50
Performance data refer to water at 20 °C	

Note! The curves refer to motor: 5.5 kW, 2890 rpm. asynchr., 50 Hz. For smaller motors, reduce head (H) with: 3%

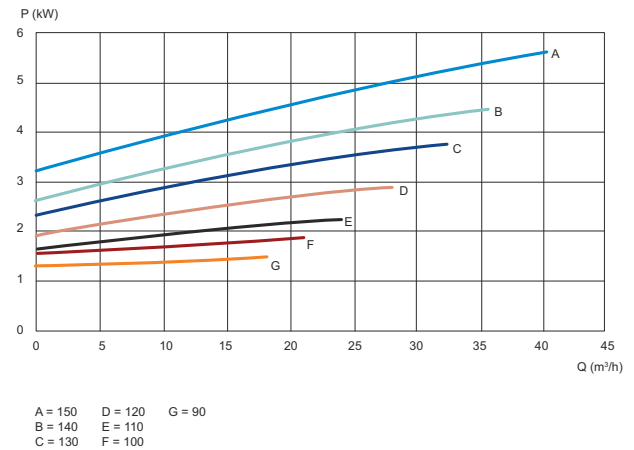
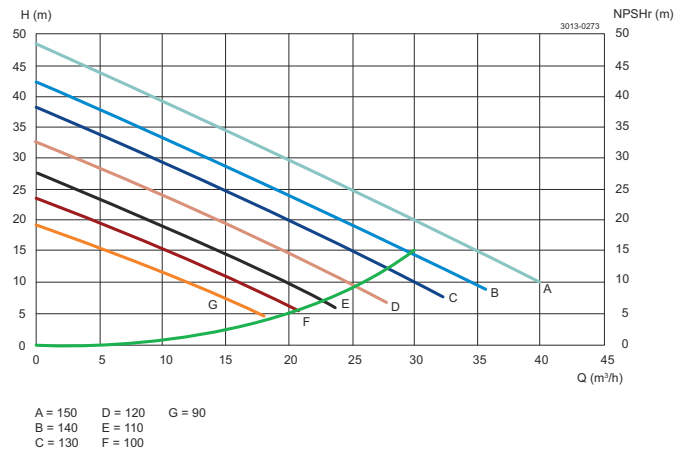
DO NOT FORGET THE SAFETY FACTOR



	60 Hz
Motor:	3600 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	150 mm
Impeller, Min. dia.:	90 mm
Pump inlet, dia.:	51 mm, DN 50
Pump outlet, dia.:	51 mm, DN 50
Performance data refer to water at 20 °C	


Note! The curves refer to motor: 7.5 kW, 3490 rpm. asynchr., 60 Hz. For smaller motors, reduce head (H) with: 3%.

DO NOT FORGET THE SAFETY FACTOR




LKH Prime 20

Motor:	50 Hz 3000 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	165 mm
Impeller, Min. dia.:	110 mm
Pump inlet, dia.:	63.5 mm, DN 65
Pump outlet, dia.:	51 mm, DN 50
Performance data refer to water at 20 °C	

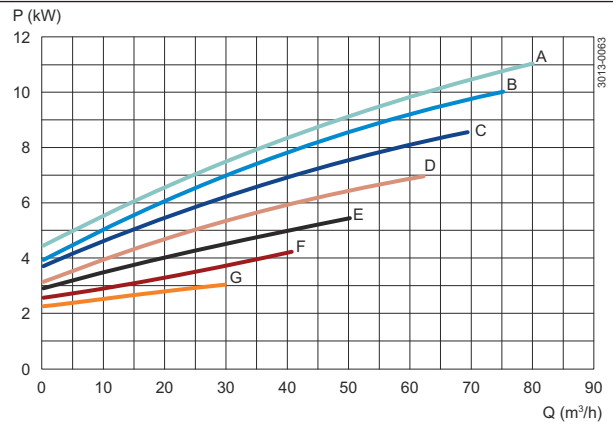
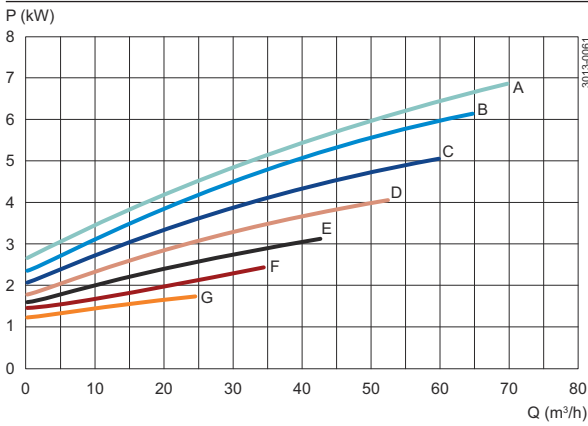
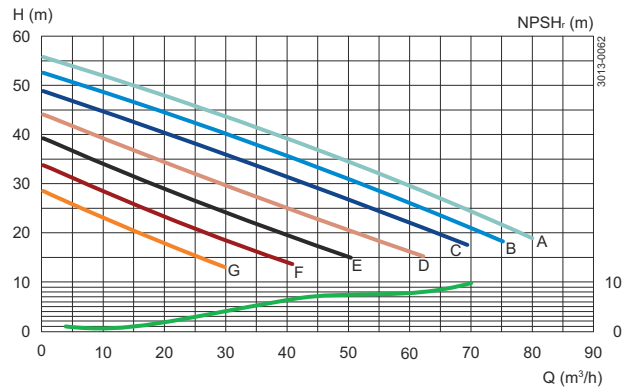
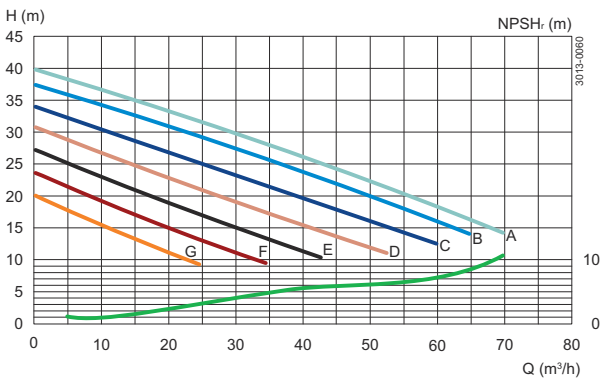
 **Note!** The curves refer to motor: 7.5 kW, 2903 rpm. asynchr., 50 Hz. For smaller motors, reduce head (H) with: 3%

DO NOT FORGET THE SAFETY FACTOR

Motor:	60 Hz 3600 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	165 mm
Impeller, Min. dia.:	110 mm
Pump inlet, dia.:	63.5 mm, DN 65
Pump outlet, dia.:	51 mm, DN 50
Performance data refer to water at 20 °C	

 **Note!** The curves refer to motor: 13 kW, 3547 rpm. asynchr., 60 Hz. For smaller motors, reduce head (H) with: 3%.

DO NOT FORGET THE SAFETY FACTOR



LKH Prime 40

	50 Hz
Motor:	3000 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	235 mm
Impeller, Min. dia.:	160 mm
Pump inlet, dia.:	76.1mm/ DN80
Pump outlet, dia.:	63.5mm/ DN65
Performance data refer to water at 20 °C	



Note! The curves refer to motor: 22kW, 2920 Rpm. asynchr., 50 Hz. For smaller motors, reduce head (H) with: 3%

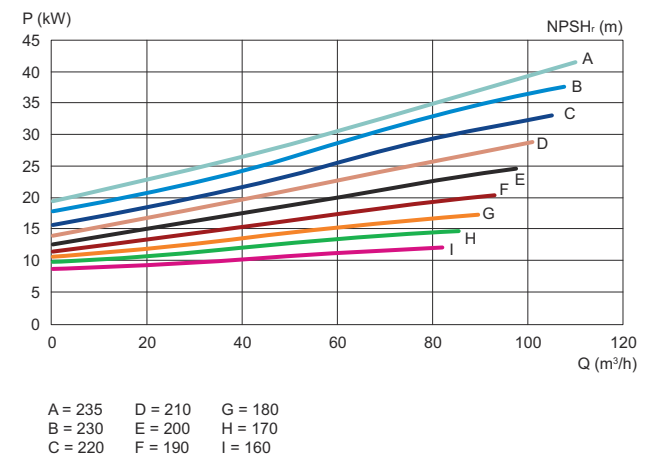
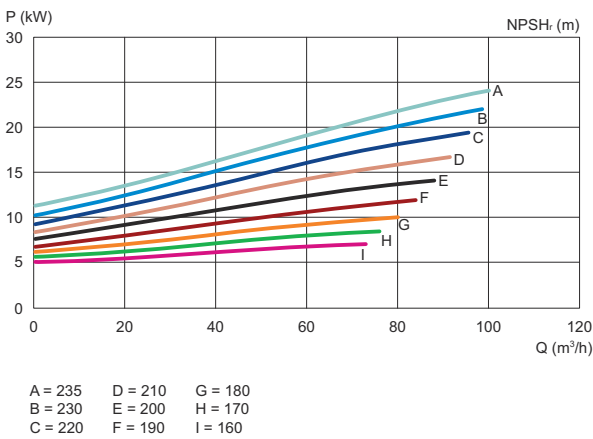
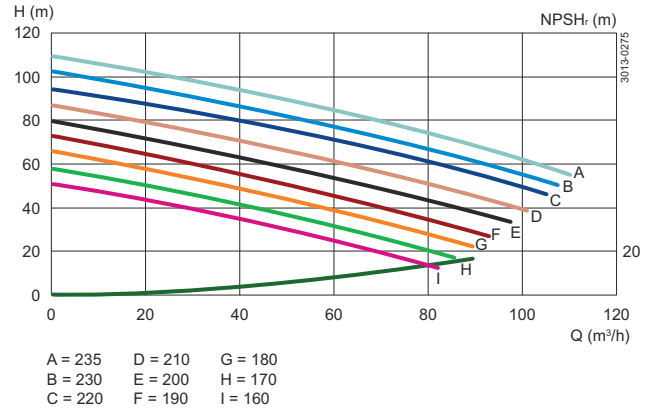
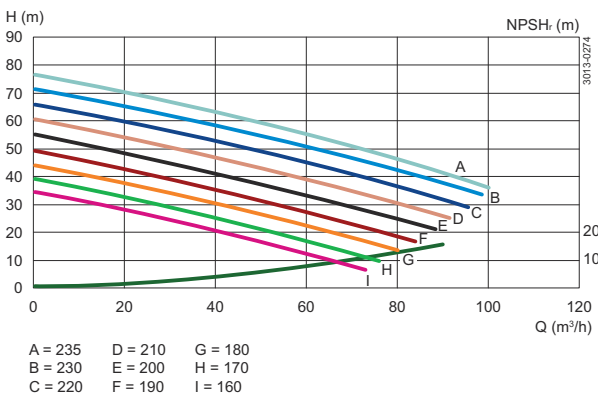
DO NOT FORGET THE SAFETY FACTOR

	60 Hz
Motor:	3600 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	235 mm
Impeller, Min. dia.:	160 mm
Pump inlet, dia.:	76.1mm/ DN80
Pump outlet, dia.:	63.5mm/ DN65
Performance data refer to water at 20 °C	



Note! The curves refer to motor: 45kW, 3520 Rpm. asynchr., 60 Hz. For smaller motors, reduce head (H) with: 3%.

DO NOT FORGET THE SAFETY FACTOR



This document and its contents are subject to copyrights and other intellectual property rights owned by Alfa Laval AB (publ) or any of its affiliates (jointly "Alfa Laval"). No part of this document may be copied, re-produced or transmitted in any form or by any means, or for any purpose, without Alfa Laval's prior express written permission. Information and services provided in this document are made as a benefit and service to the user, and no representations or warranties are made about the accuracy or suitability of this information and these services for any purpose. All rights are reserved.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com