



Alfa Laval LKH Prime

Performance curves

LKH Prime 10

Motor:	50 Hz 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%

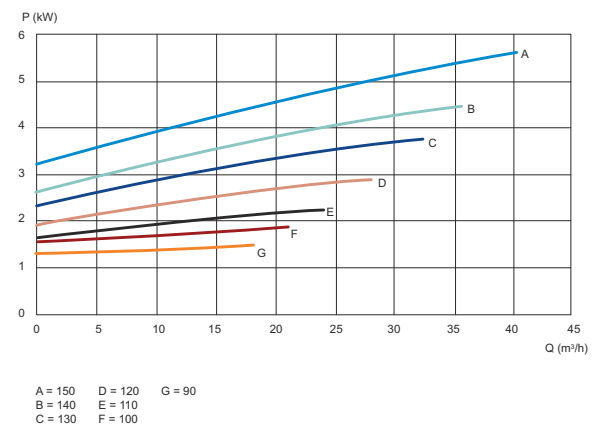
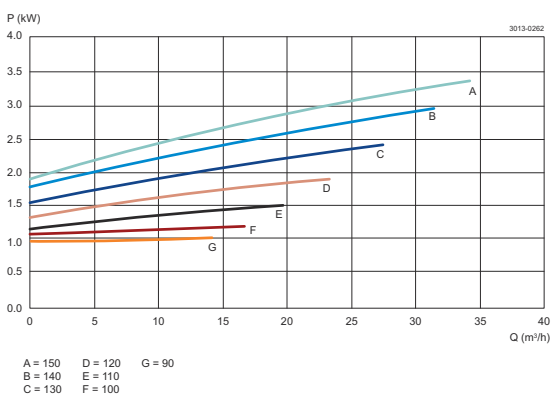
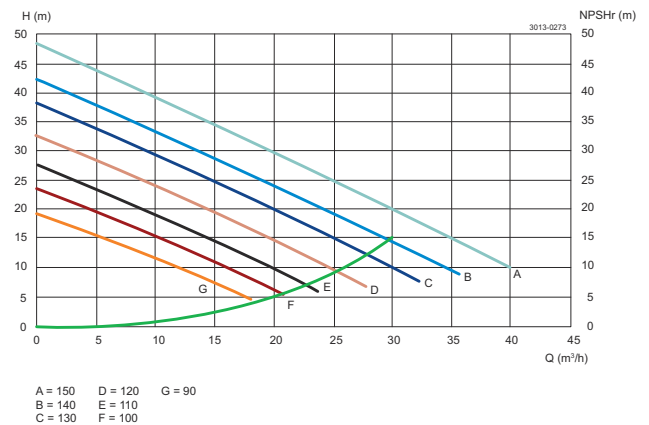
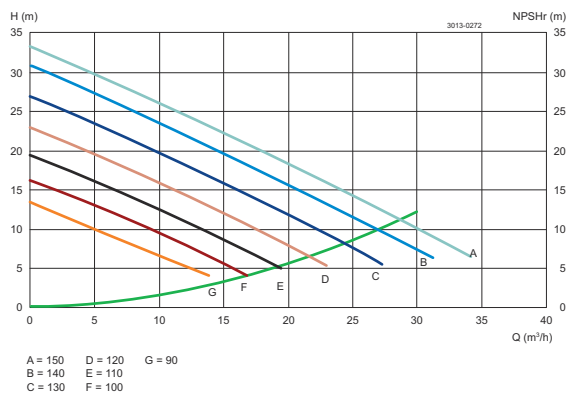
DO NOT FORGET THE SAFETY FACTOR

Motor:	60 Hz 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%

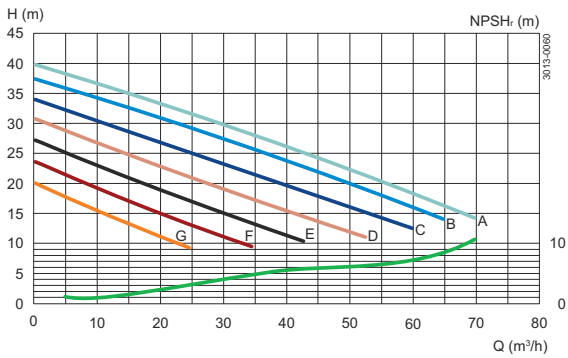
DO NOT FORGET THE SAFETY FACTOR

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	

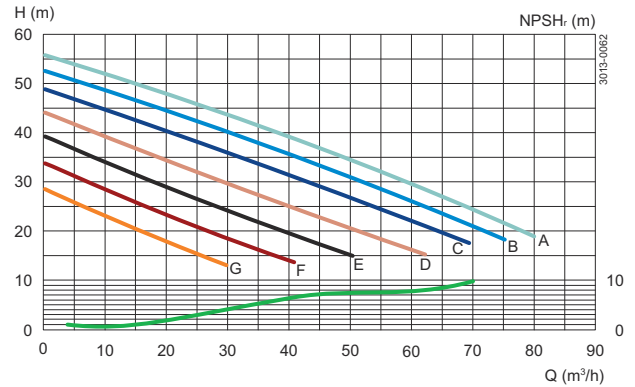


Note! The curves refer to motor: 13 kW, 3547 rpm. asynchr., 60 Hz. For smaller motors, reduce head (H) with: 3%.

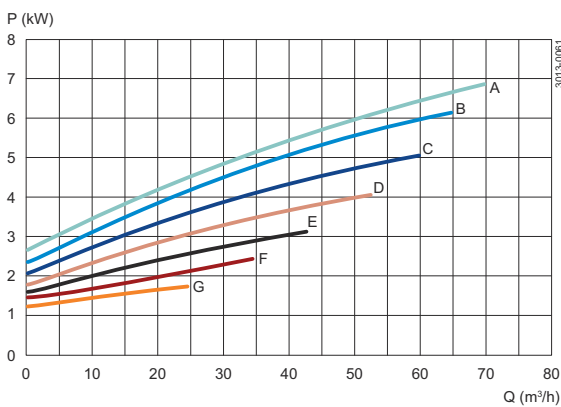
DO NOT FORGET THE SAFETY FACTOR



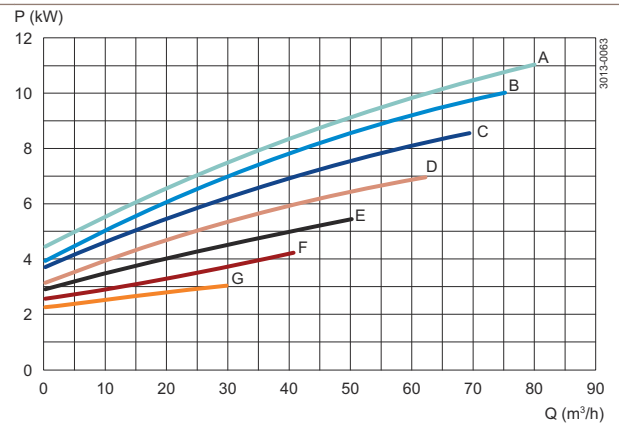
A = 165 D = 140 G = 110
B = 160 E = 130
C = 150 F = 120



A = 165 D = 140 G = 110
B = 160 E = 130
C = 150 F = 120



A = 165 D = 140 G = 110
B = 160 E = 130
C = 150 F = 120



A = 165 D = 140 G = 110
B = 160 E = 130
C = 150 F = 120

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%

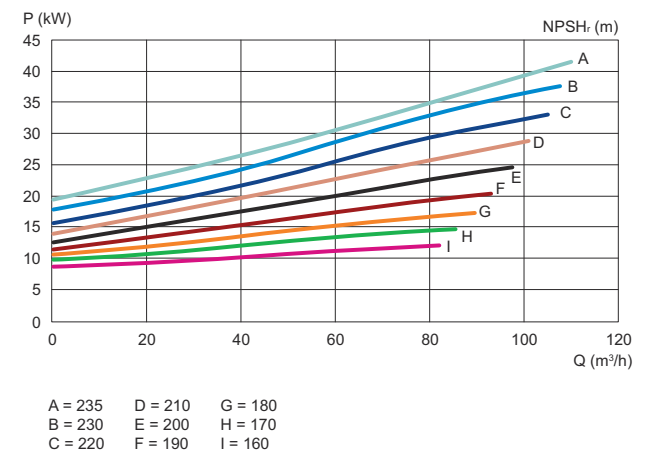
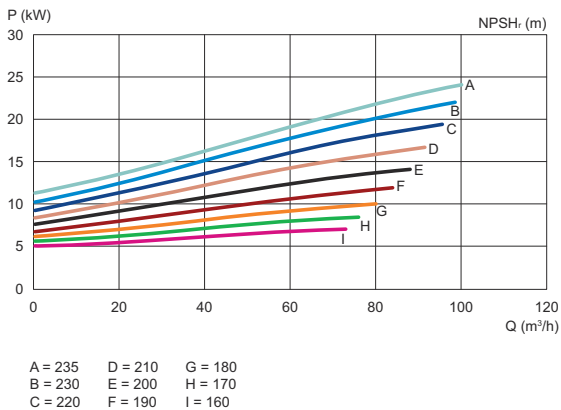
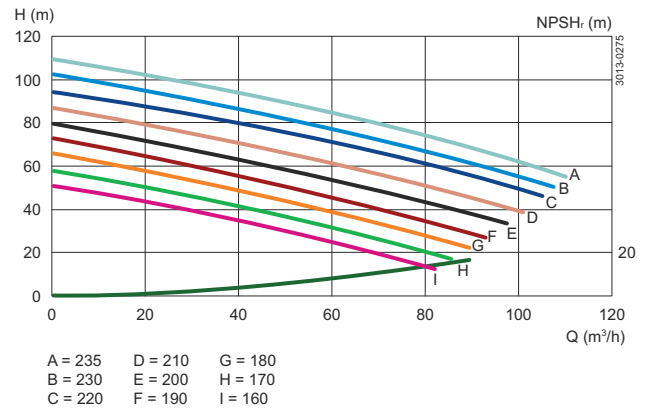
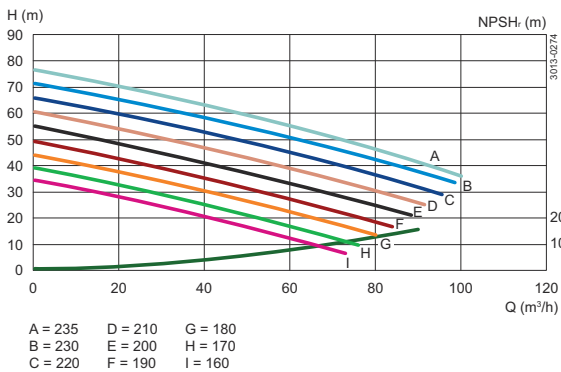
DO NOT FORGET THE SAFETY FACTOR

	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



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