



Alfa Laval LKH Prime

Performance curves

LKH Prime 10

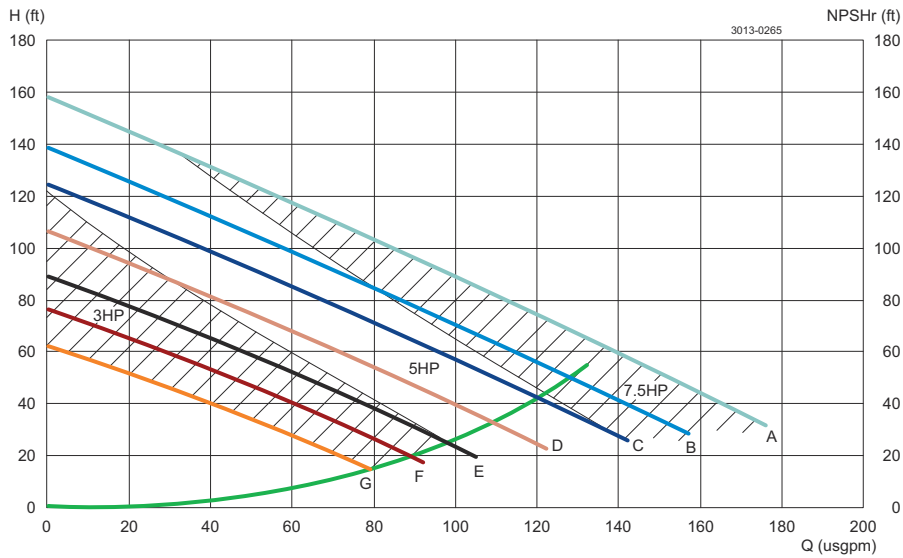
	60 Hz
Motor:	3600 rpm. synchron.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	5.906" (150 mm)
Impeller, Min. dia.:	3.543" (90 mm)
Pump inlet, dia.:	2" (51 mm, DN 50)
Pump outlet, dia.:	2" (51 mm, DN 50)
Performance data refer to water at 68 °F. (20 °C)	



Note! The curves refer to motor: 10 Hp (7.5 kW), 3490 rpm. asynchr., 60 Hz. For smaller motors, reduce head (H) with: 3%.

DO NOT FORGET THE SAFETY FACTOR

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A = 5.91" D = 4.72" G = 3.54"
 B = 5.51" E = 4.33"
 C = 5.12" F = 3.94"

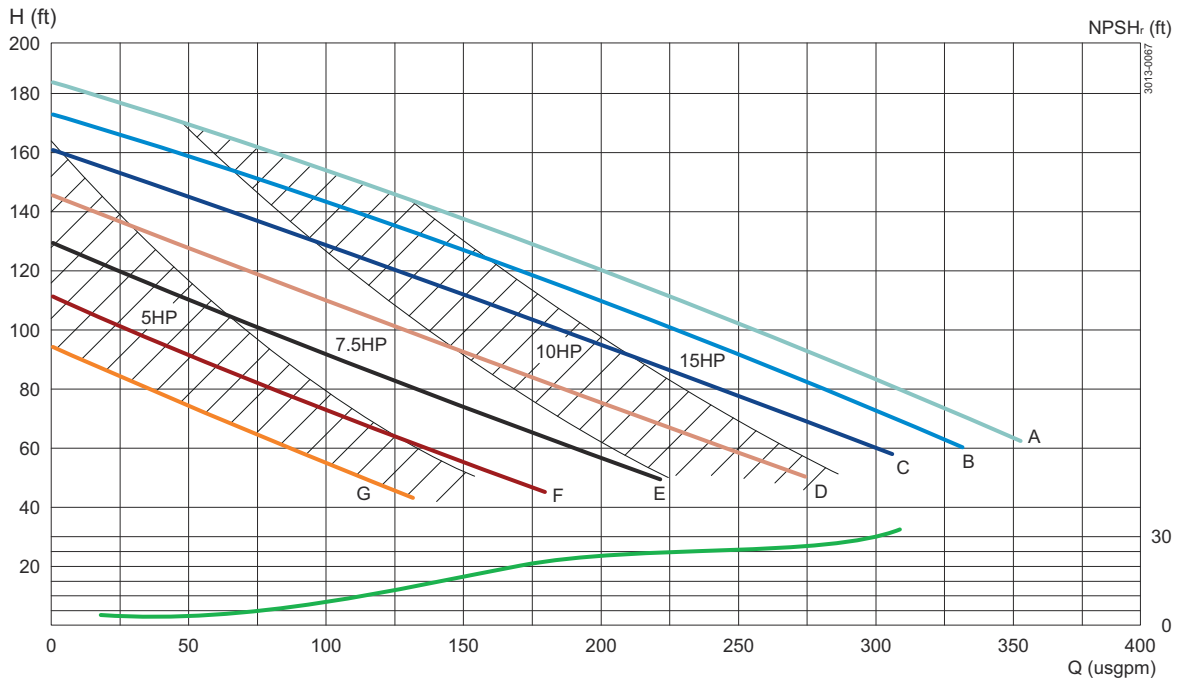
LKH Prime 20

	60 Hz
Motor:	3600 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	6.496" (165 mm)
Impeller, Min. dia.:	4.331" (110 mm)
Pump inlet, dia.:	2.5" (63.5 mm, DN 65)
Pump outlet, dia.:	2" (51 mm, DN 50)
Performance data refer to water at 68 °F. (20 °C)	



Note! The curves refer to motor: 17.5 Hp (13 kW), 3547 rpm. asynchr., 60 Hz. For smaller motors, reduce head (H) with: 3%.

DO NOT FORGET THE SAFETY FACTOR



A = 6.50" D = 5.51" G = 4.33"
 B = 6.30" E = 5.12"
 C = 5.91" F = 4.72"

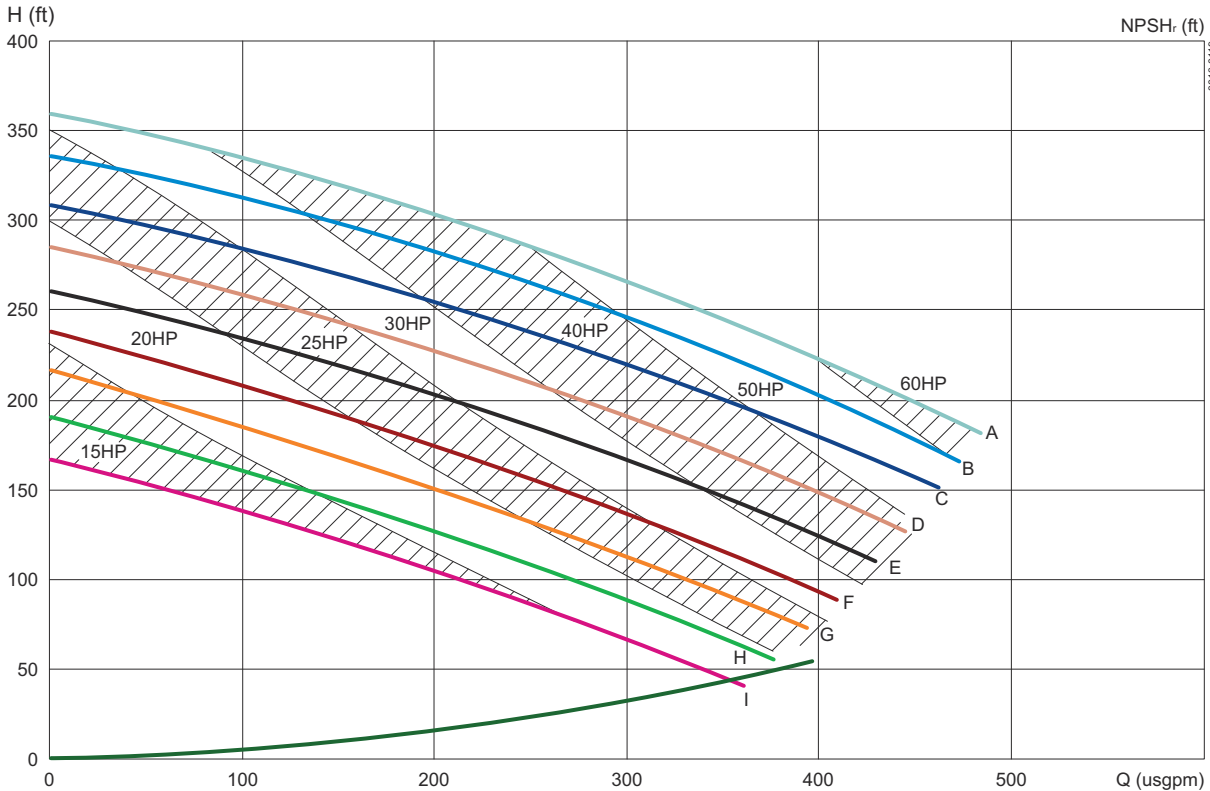
LKH Prime 40

Motor:	3600 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	9.251" (235mm)
Impeller, Min. dia.:	6.299" (160mm)
Pump inlet, dia.:	3" (76.1mm/ DN80)
Pump outlet, dia.:	2½" (63.5mm/ DN65)
Performance data refer to water at 68 °F	



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

DO NOT FORGET THE SAFETY FACTOR



A = 9.25"	D = 8.27"	G = 7.09"
B = 9.06"	E = 7.87"	H = 6.69"
C = 8.66"	F = 7.48"	I = 6.30"

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200007747-2-EN-US

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