

Alfa Laval SolidC

Performance curves

SolidC-1, 50 Hz

Motor:	1500 rpm. synchron.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	160 mm
Impeller, Min. dia.:	110 mm
Pump inlet, dia.:	51 mm, DN 50
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	



Note! The curves refer to motor: 1.5 kW, 1410 rpm. asynchr., 50 Hz.

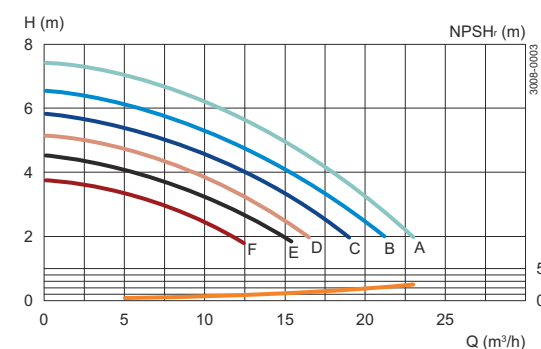
DO NOT FORGET THE SAFETY FACTOR

Motor:	3000 rpm. synchron.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	160 mm
Impeller, Min. dia.:	110 mm
Pump inlet, dia.:	Dia.: 51 mm, DN 50
Pump outlet, dia.:	Dia.: 38 mm, DN 40
Performance data refer to water at 20 °C	

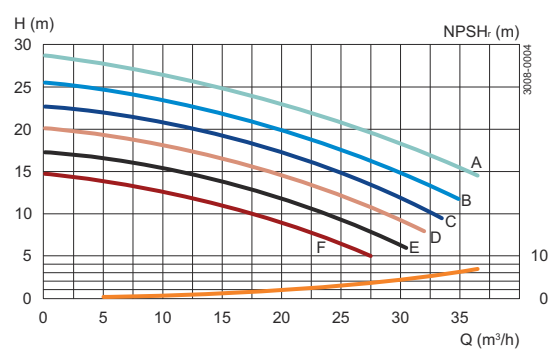


Note! The curves refer to motor: 4 kW, 2890 rpm. asynchr., 50 Hz.

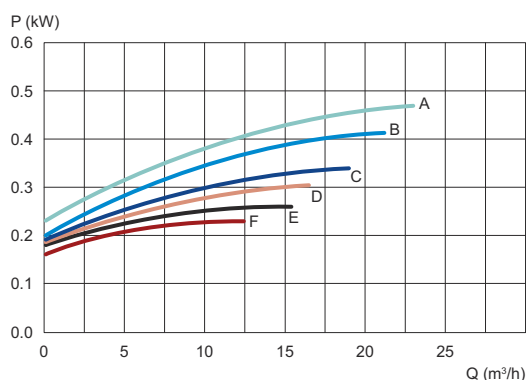
DO NOT FORGET THE SAFETY FACTOR



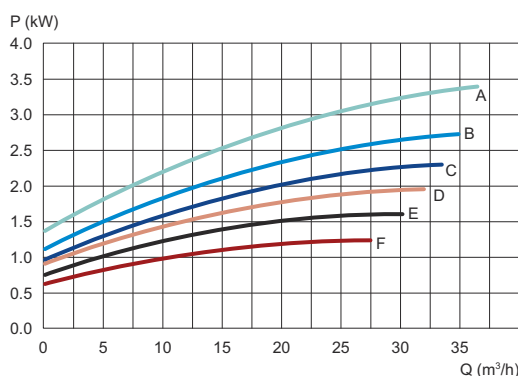
A = 160 D = 130
B = 150 E = 120
C = 140 F = 110



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



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



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

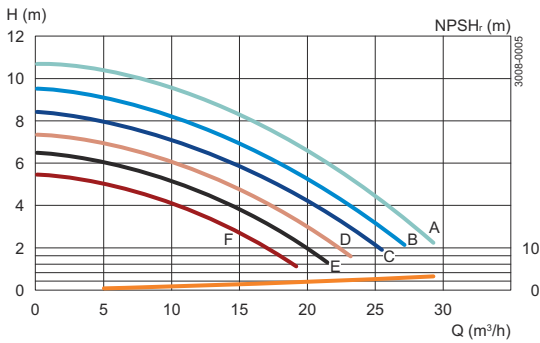
SolidC-1, 60 Hz

Motor:	1800 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	160 mm
Impeller, Min. dia.:	110 mm
Pump inlet, dia.:	51 mm, DN 50
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	

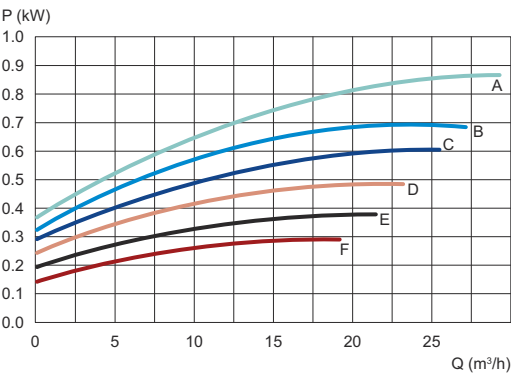


Note! The curves refer to max. motor: 1.8 kW, 1710 rpm. asynchr., 60 Hz.

DO NOT FORGET THE SAFETY FACTOR



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



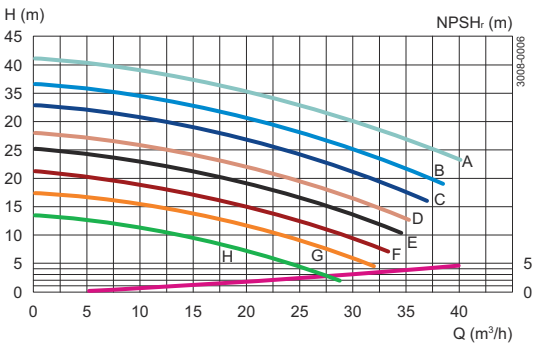
A = 160 D = 130
B = 150 E = 120
C = 140 F = 110

Motor:	3600 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	160 mm
Impeller, Min. dia.:	90 mm
Pump inlet, dia.:	51 mm, DN 50
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	

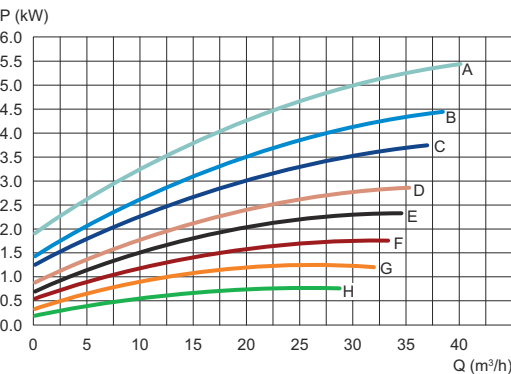


Note! The curves refer to max. motor: 6.6 kW, 3540 rpm. asynchr., 60 Hz.

DO NOT FORGET THE SAFETY FACTOR



A = 160 D = 130 G = 100
B = 150 E = 120 H = 90
C = 140 F = 110



A = 160 D = 130 G = 100
B = 150 E = 120 H = 90
C = 140 F = 110

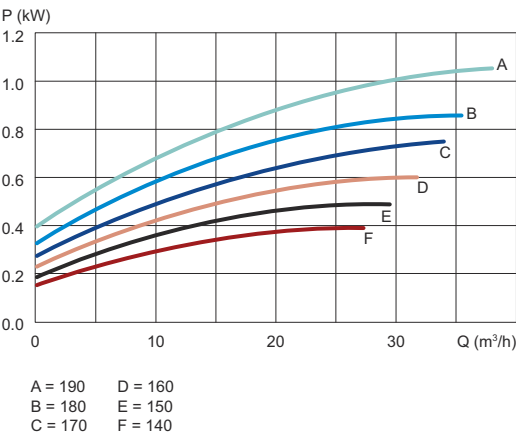
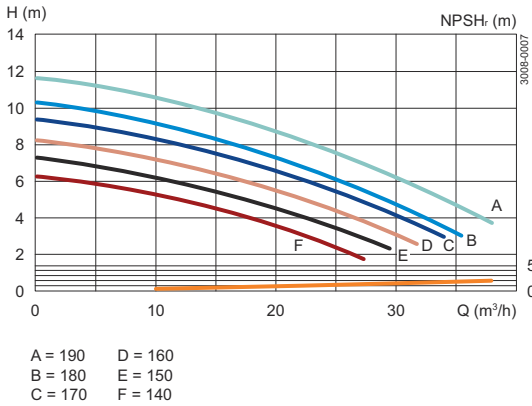
SolidC-2, 50 Hz

Motor:	1500 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	190 mm
Impeller, Min. dia.:	140 mm
Pump inlet, dia.:	63.5 mm, DN 65
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	



Note! The curves refer to motor: 1.5 kW, 1410 rpm. asynchr., 50 Hz.

DO NOT FORGET THE SAFETY FACTOR

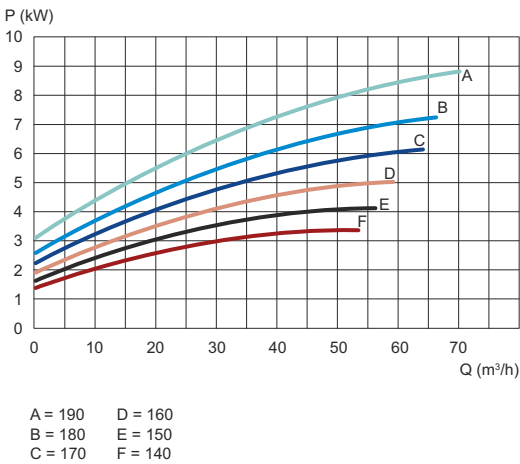
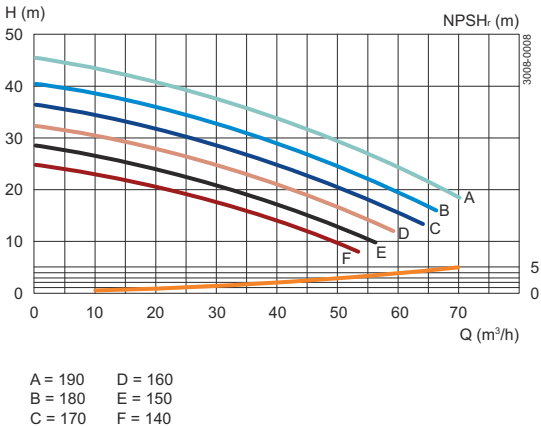


Motor:	3000 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	190 mm
Impeller, Min. dia.:	140 mm
Pump inlet, dia.:	63.5 mm, DN 65
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	



Note! The curves refer to motor: 11 kW, 2945 rpm. asynchr., 50 Hz.

DO NOT FORGET THE SAFETY FACTOR

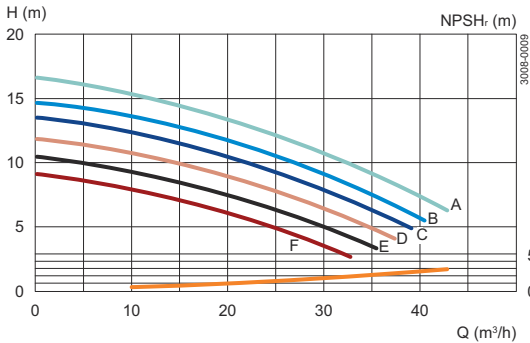


SolidC-2, 60Hz

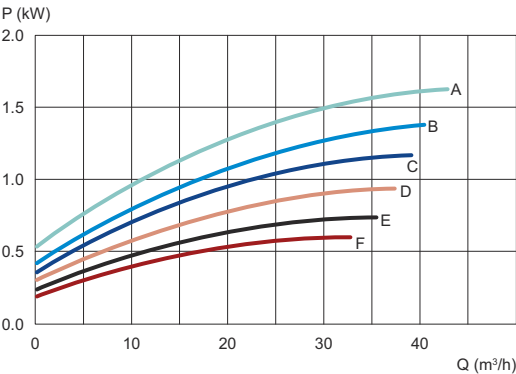
Motor:	1800 rpm. synchr
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	190 mm
Impeller, Min. dia.:	140 mm
Pump inlet, dia.:	63.5 mm, DN 65
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	

 **Note!** The curves refer to motor: 1.5 kW, 1710 rpm. asynchr., 50 Hz.

DO NOT FORGET THE SAFETY FACTOR



A = 190 D = 160
B = 180 E = 150
C = 170 F = 140

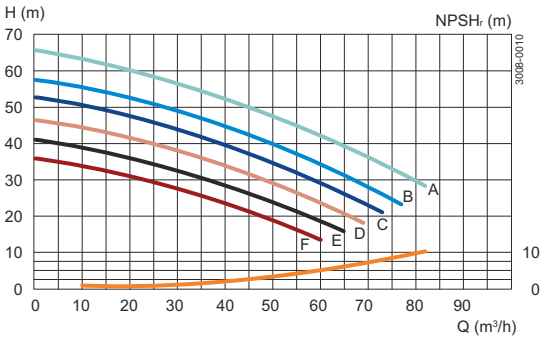


A = 190 D = 160
B = 180 E = 150
C = 170 F = 140

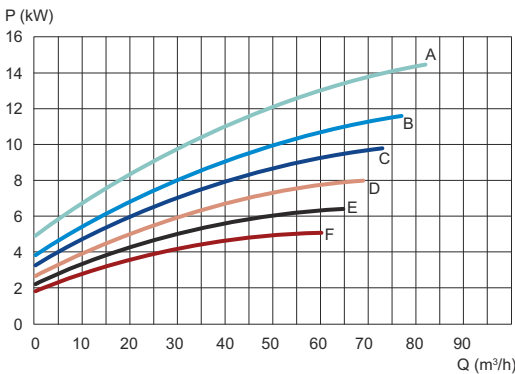
Motor:	3600 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	190 mm
Impeller, Min. dia.:	140 mm
Pump inlet, dia.:	63.5 mm, DN 65
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	

 **Note!** The curves refer to motor: 18 kW, 3535 rpm. asynchr., 60 Hz.

DO NOT FORGET THE SAFETY FACTOR



A = 190 D = 160
B = 180 E = 150
C = 170 F = 140



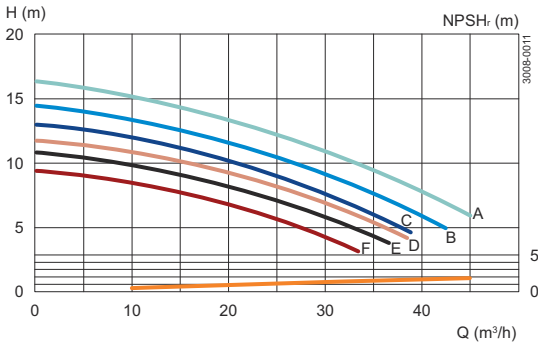
A = 190 D = 160
B = 180 E = 150
C = 170 F = 140

SolidC-3, 50Hz

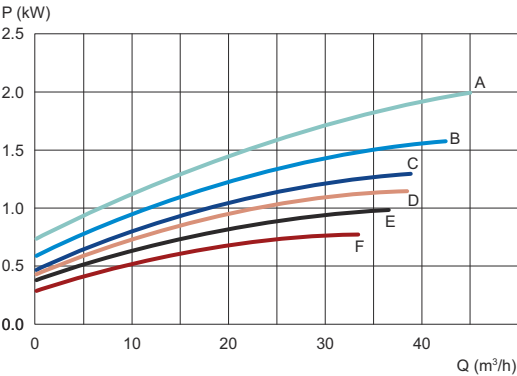
Motor:	1500 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	220 mm
Impeller, Min. dia.:	170 mm
Pump inlet, dia.:	76 mm, DN 80
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	

 **Note!** The curves refer to motor: 3 kW, 1420 rpm. asynchr., 50 Hz.

DO NOT FORGET THE SAFETY FACTOR



A = 220 D = 190
B = 210 E = 180
C = 200 F = 170

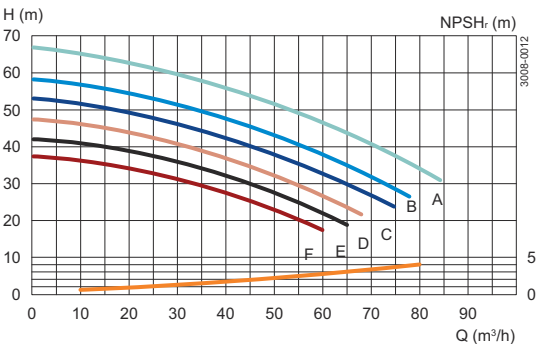


A = 220 D = 190
B = 210 E = 180
C = 200 F = 170

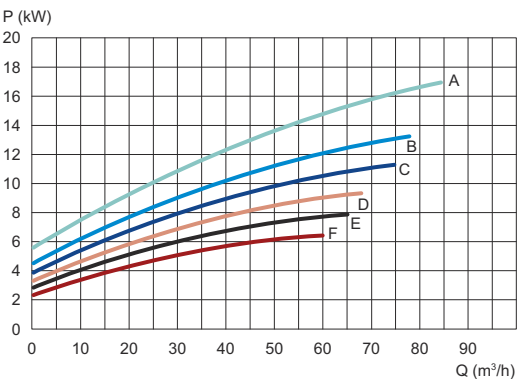
Motor:	3000 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	220 mm
Impeller, Min. dia.:	170 mm
Pump inlet, dia.:	76 mm, DN 80
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	

 **Note!** The curves refer to motor: 18.5 kW, 2960 rpm. asynchr., 50 Hz.

DO NOT FORGET THE SAFETY FACTOR



A = 220 D = 190
B = 210 E = 180
C = 200 F = 170



A = 220 D = 190
B = 210 E = 180
C = 200 F = 170

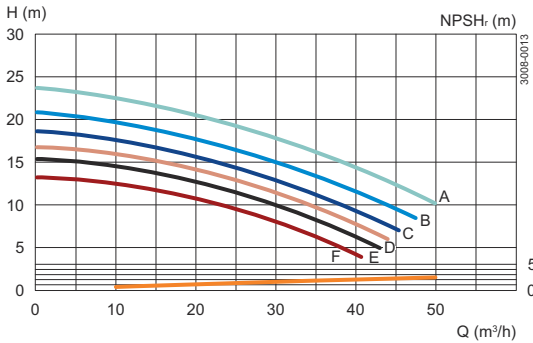
SolidC-3, 60Hz

Motor:	1800 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	220 mm
Impeller, Min. dia.:	170 mm
Pump inlet, dia.:	76 mm, DN 80
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	

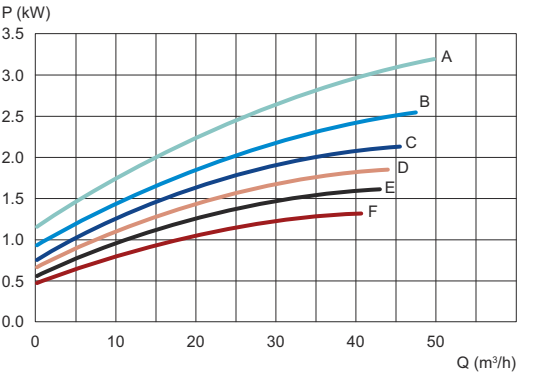


Note! The curves refer to motor: 3.6 kW, 1720 rpm. asynchr., 60 Hz.

DO NOT FORGET THE SAFETY FACTOR



A = 220 D = 190
B = 210 E = 180
C = 200 F = 170



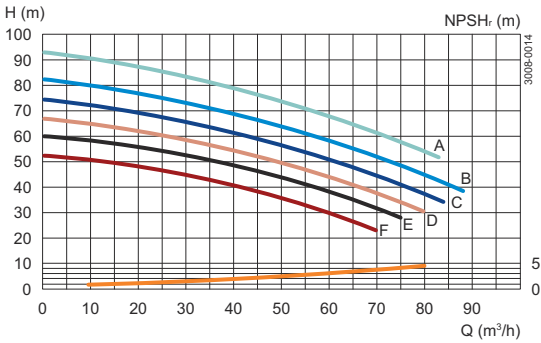
A = 220 D = 190
B = 210 E = 180
C = 200 F = 170

Motor:	3600 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	220 mm
Impeller, Min. dia.:	170 mm
Pump inlet, dia.:	76 mm, DN 80
Pump outlet, dia.:	38 mm, DN 40
Performance data refer to water at 20 °C	

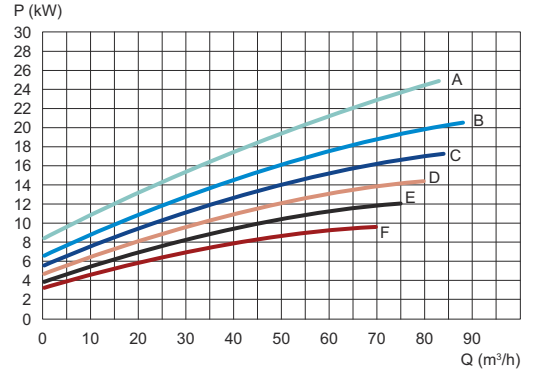


Note! The curves refer to motor: 25 kW, 3555 rpm. asynchr., 60 Hz.

DO NOT FORGET THE SAFETY FACTOR



A = 220 D = 190
B = 210 E = 180
C = 200 F = 170



A = 220 D = 190
B = 210 E = 180
C = 200 F = 170

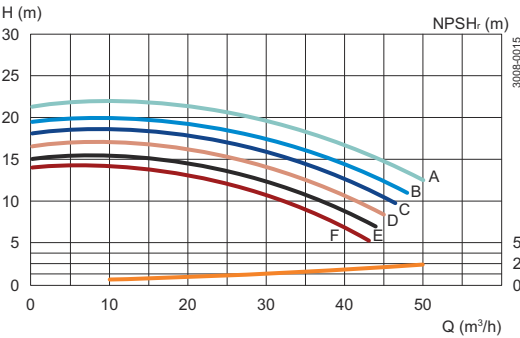
SolidC-4, 50 Hz

Motor:	1500 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	250 mm
Impeller, Min. dia.:	200 mm
Pump inlet, dia.:	76 mm, DN 80
Pump outlet, dia.:	51 mm, DN 50
Performance data refer to water at 20 °C	

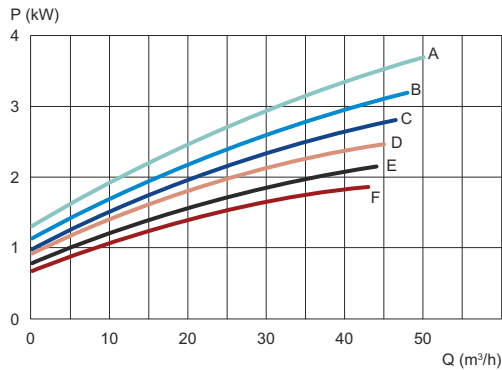


Note! The curves refer to motor: 4 kW, 1455 rpm. asynchr., 50 Hz.

DO NOT FORGET THE SAFETY FACTOR



A = 250 D = 220
B = 240 E = 210
C = 230 F = 200



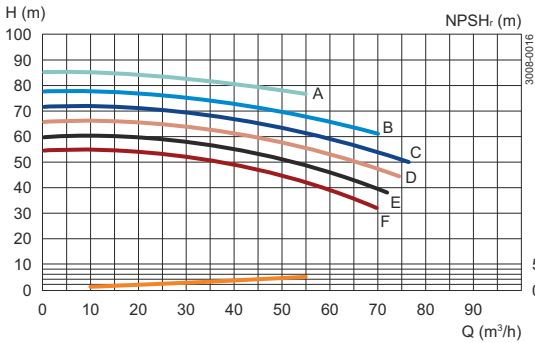
A = 250 D = 220
B = 240 E = 210
C = 230 F = 200

Motor:	3000 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	250 mm
Impeller, Min. dia.:	200 mm
Pump inlet, dia.:	76 mm, DN 80
Pump outlet, dia.:	51 mm, DN 50
Performance data refer to water at 20 °C	

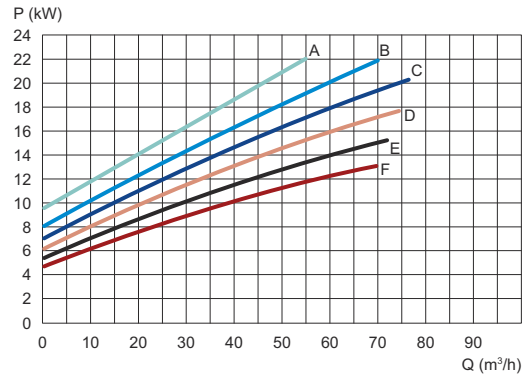


Note! The curves refer to motor: 22 kW, 2955 rpm. asynchr., 50 Hz.

DO NOT FORGET THE SAFETY FACTOR



A = 250 D = 220
B = 240 E = 210
C = 230 F = 200



A = 250 D = 220
B = 240 E = 210
C = 230 F = 200

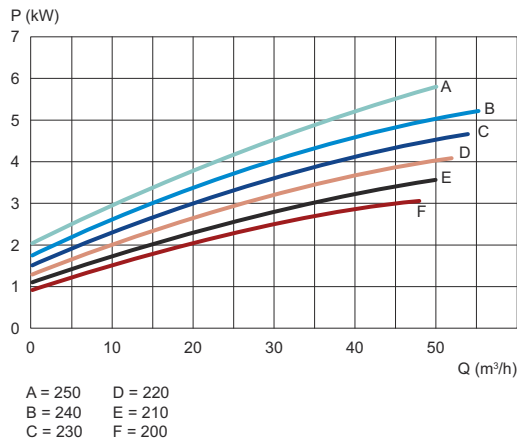
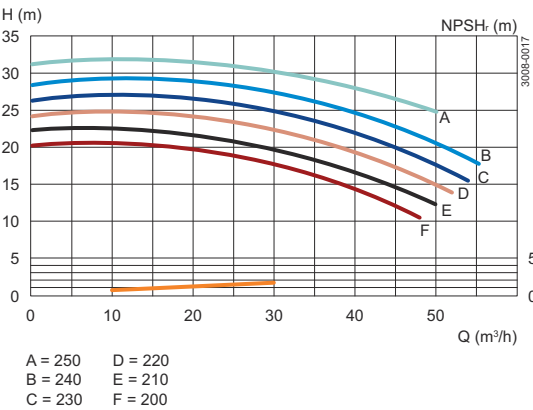
SolidC-4, 60 Hz

Motor:	1800 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	250 mm
Impeller, Min. dia.:	200 mm
Pump inlet, dia.:	76 mm, DN 80
Pump outlet, dia.:	51 mm, DN 50
Performance data refer to water at 20 °C	



Note! The curves refer to motor: 6.8 kW, 1770 rpm. asynchr., 60 Hz.

DO NOT FORGET THE SAFETY FACTOR

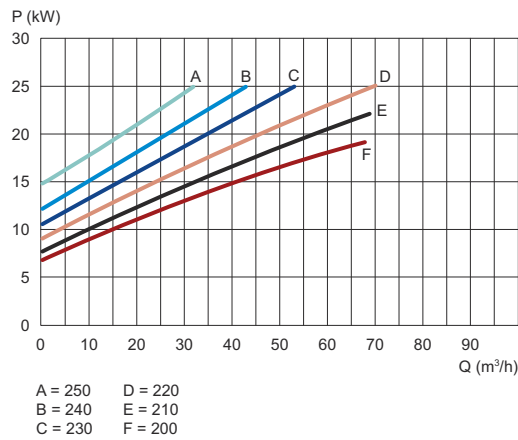
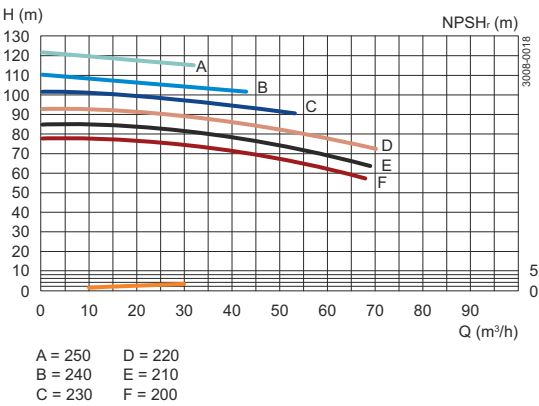


Motor:	3600 rpm. synchr.
Tolerance:	±8% for Q ±6% for H
Impeller, Max. dia.:	250 mm
Impeller, Min. dia.:	200 mm
Pump inlet, dia.:	76 mm, DN 80
Pump outlet, dia.:	51 mm, DN 50
Performance data refer to water at 20 °C	



Note! The curves refer to motor: 25 kW, 3555 rpm. asynchr., 60 Hz.

DO NOT FORGET THE SAFETY FACTOR



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