

The logo for SPXX, featuring the letters 'SP' in a dark grey, bold, sans-serif font, followed by 'XX' in a bright green, bold, sans-serif font. A registered trademark symbol (®) is located to the right of the second 'X'.

SPXX®

A green arrow icon pointing to the right, positioned to the left of the text.

➤ Where Ideas Meet Industry



Sanitary Centrifugal Pumps

50Hz Curve Book



SPX®

Table of Contents:

50 Hz Curves:

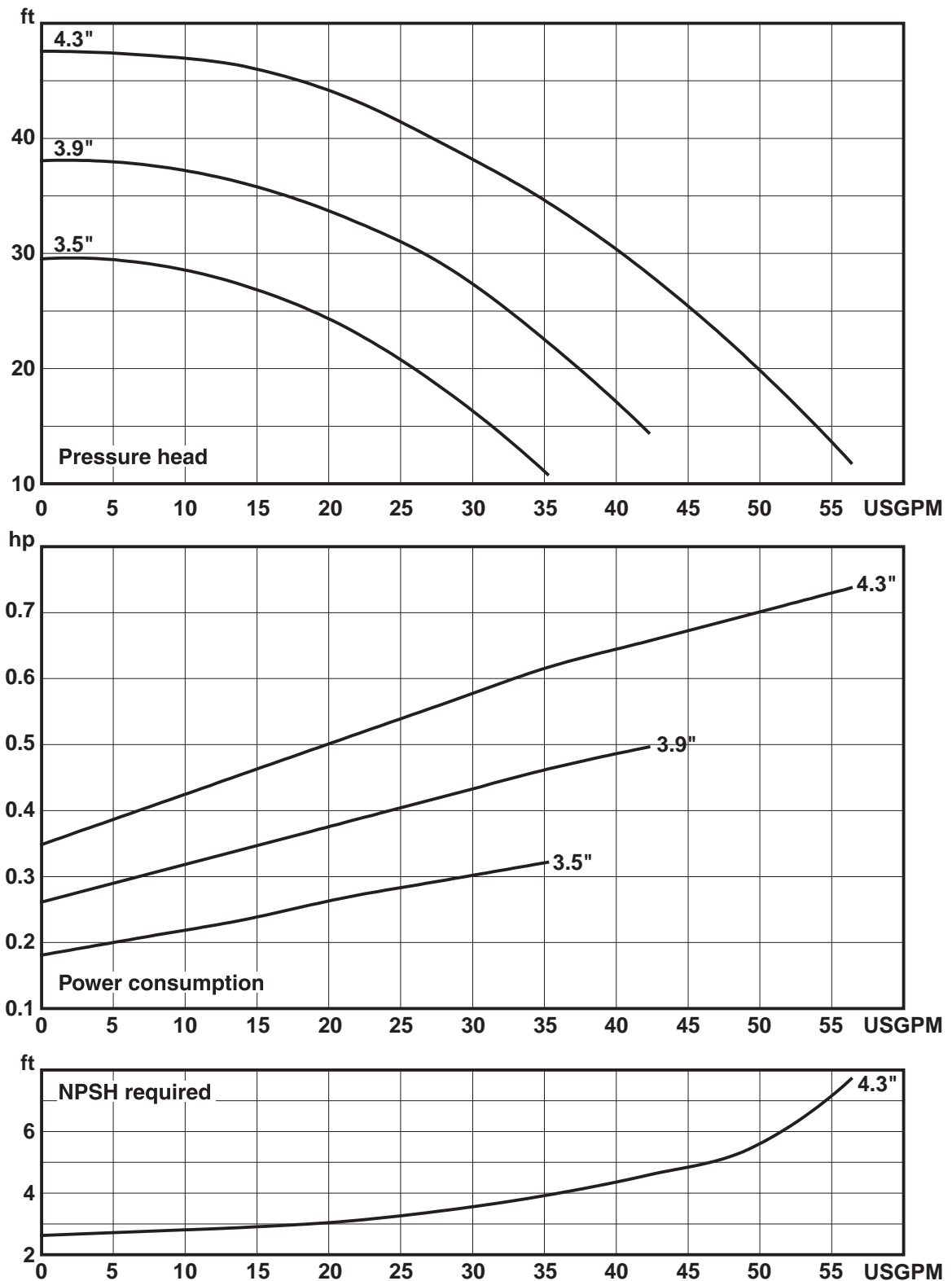
W+ 10/8 Model.....	8
W+ 22/20 Model – Low Flow Impeller.....	5-6
W+ 22/20 Model.....	7-8
W+ 25/210 Model.....	9
W+ 30/80 Model.....	10-11
W+ 30/120 Model.....	12-13
W+ 35/35 Model – Low Flow Impeller.....	14-15
W+ 35/35 Model.....	16-17
W+ 35/55 Model.....	18-19
W+ 50/8 Model.....	20-21
W+ 55/35 Model.....	22-23
W+ 55/60 Model.....	24-25
W+ 60/110 Model.....	26-27
W+ 65/350 Model.....	28-29
W+ 70/40 Model.....	30-31
W+ 80/80 Model.....	32-33
W+ 110/130 Model.....	34-35
W+ 140/50 Model.....	36-37



W+ SERIES MODEL W+10/8 CENTRIFUGAL PUMP CAPACITY CURVE
1.5" INLET - 1" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 4.3"
Performance data refer to water at 68°F
Provisional

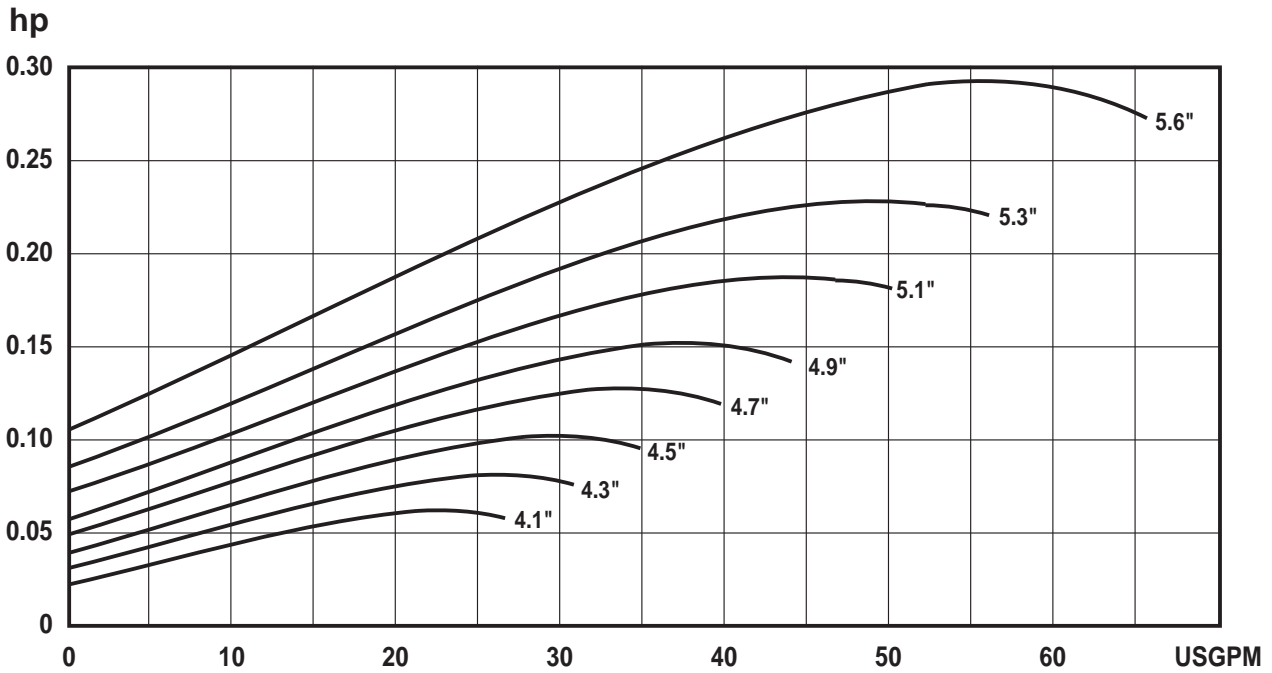
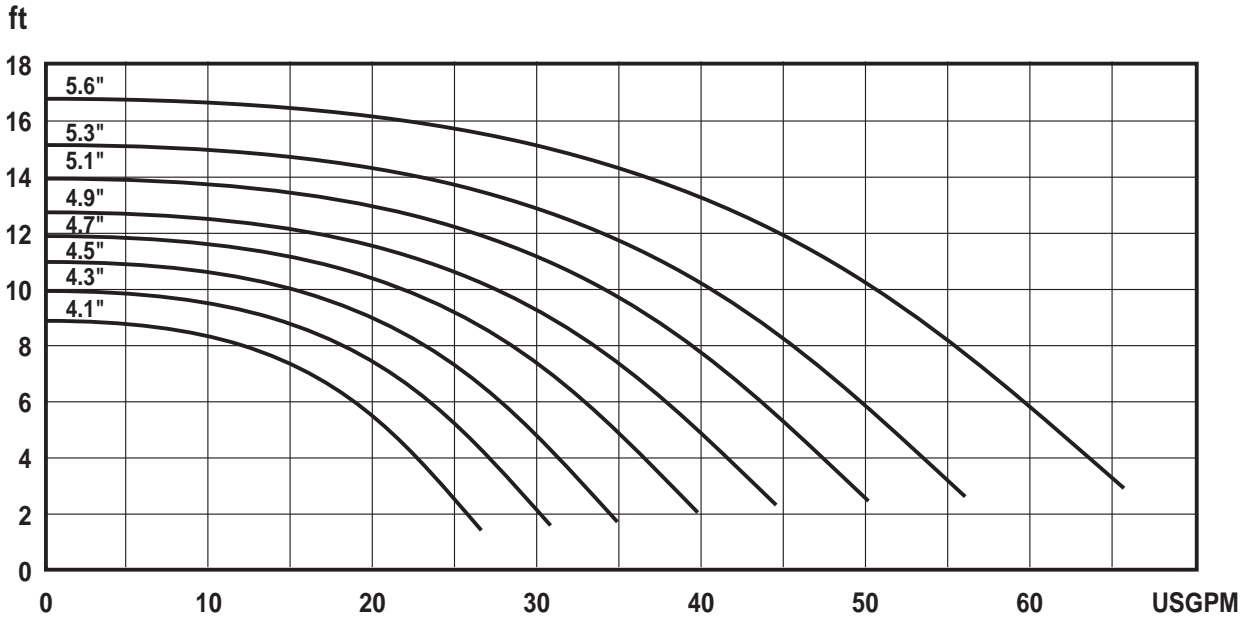




W+ SERIES MODEL W+22/20 CENTRIFUGAL PUMP CAPACITY CURVE
2" INLET - 2" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 5.6" - Low Flow Impeller
Performance data refer to water at 68°F
Provisional

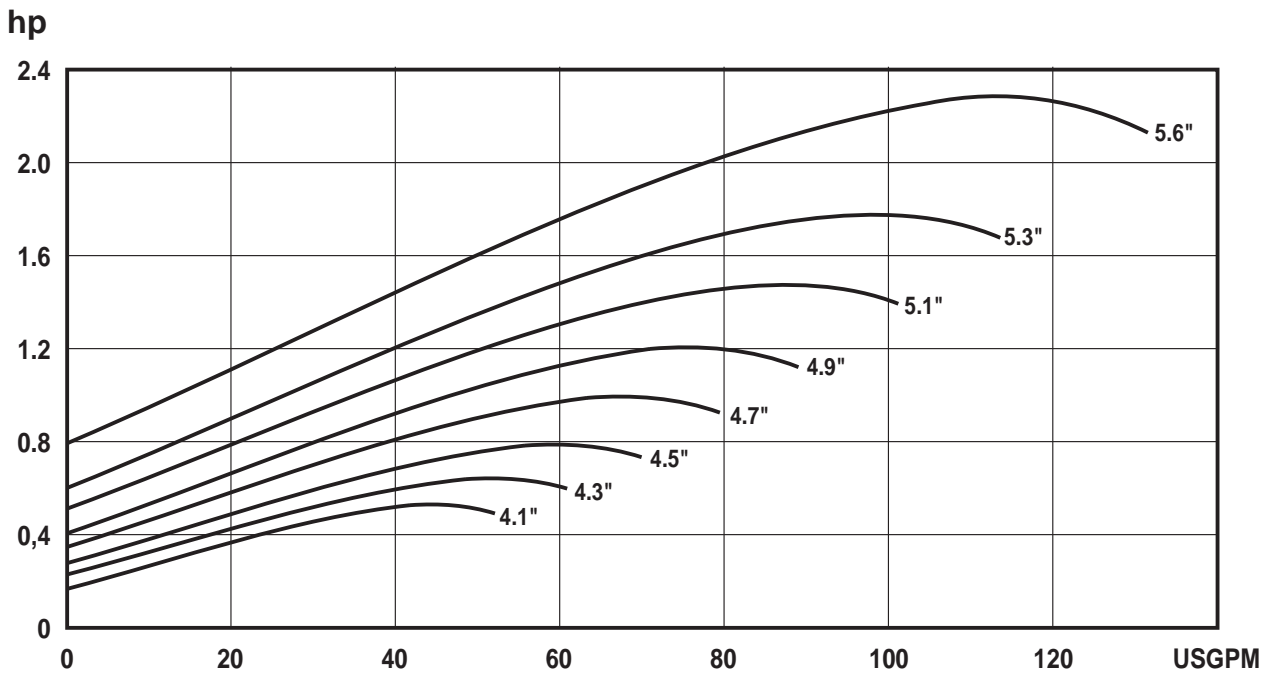
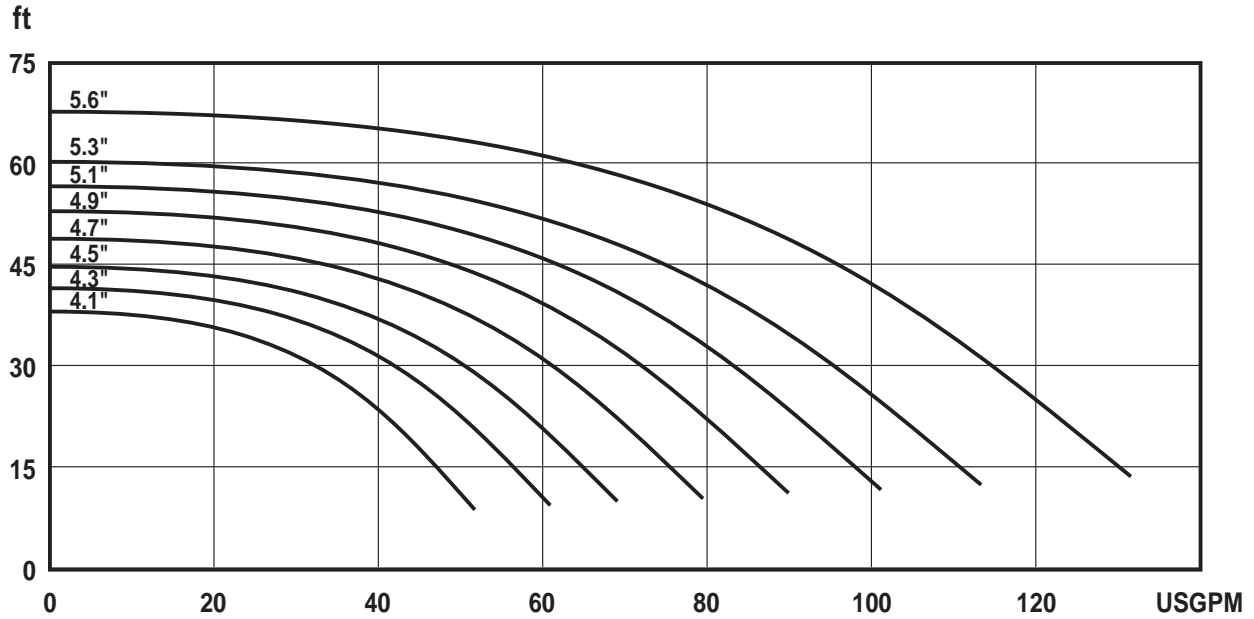




**W+ SERIES MODEL W+22/20 CENTRIFUGAL PUMP CAPACITY CURVE
2" INLET - 2" OUTLET, 2900 RPM, 50 Hz**

NOTE: _____

Impeller dia: Max: 5.6" - Low Flow Impeller
 Performance data refer to water at 68°F
 Provisional

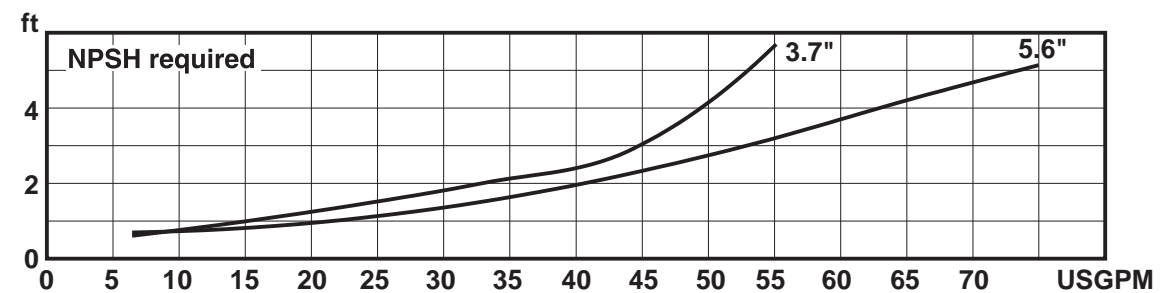
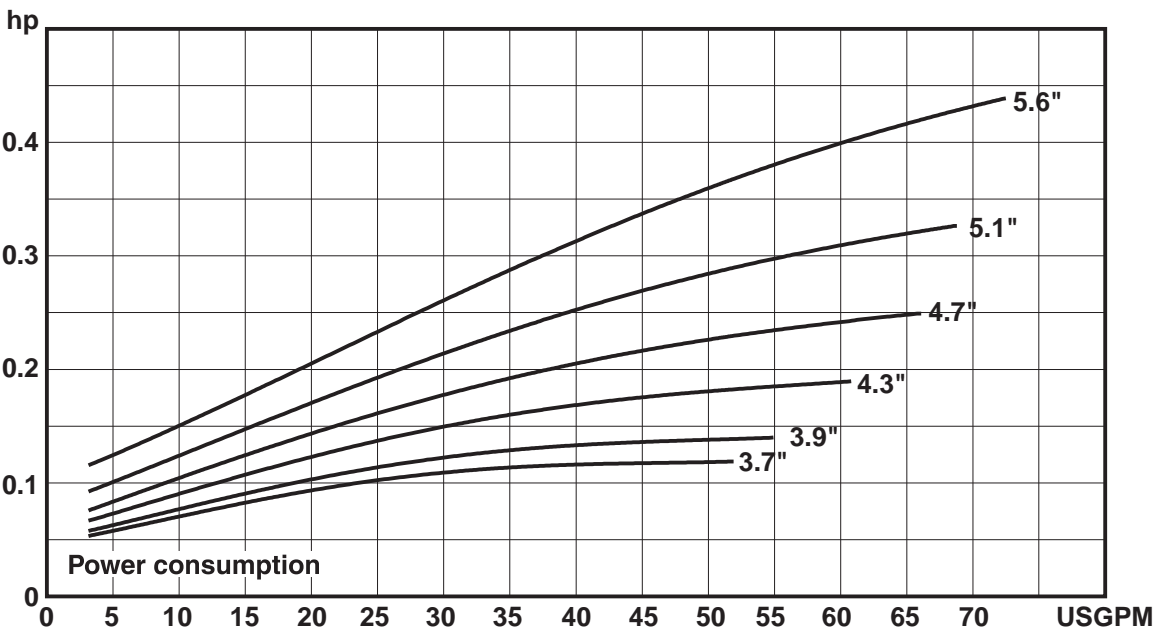
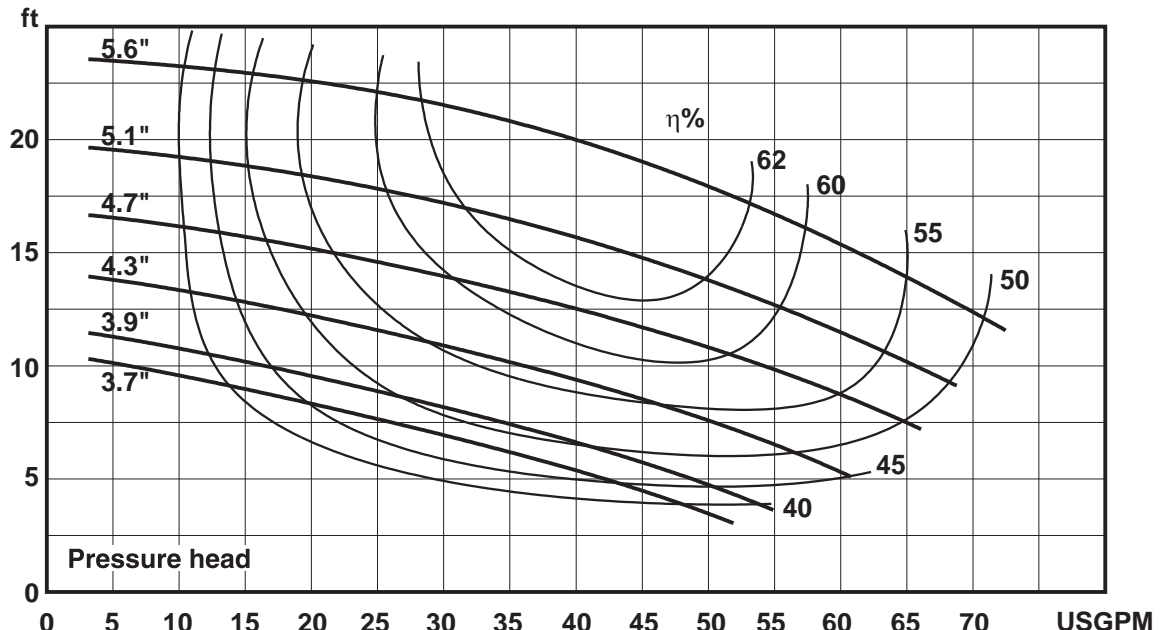




W+ SERIES MODEL W+22/20 CENTRIFUGAL PUMP CAPACITY CURVE
2" INLET - 2" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 5.6"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

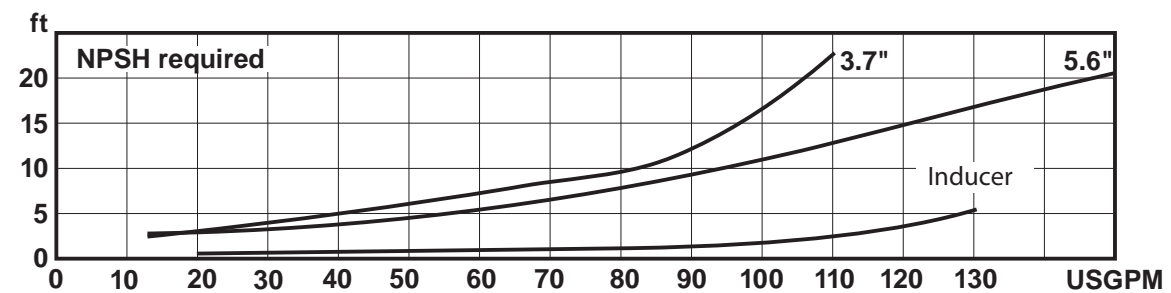
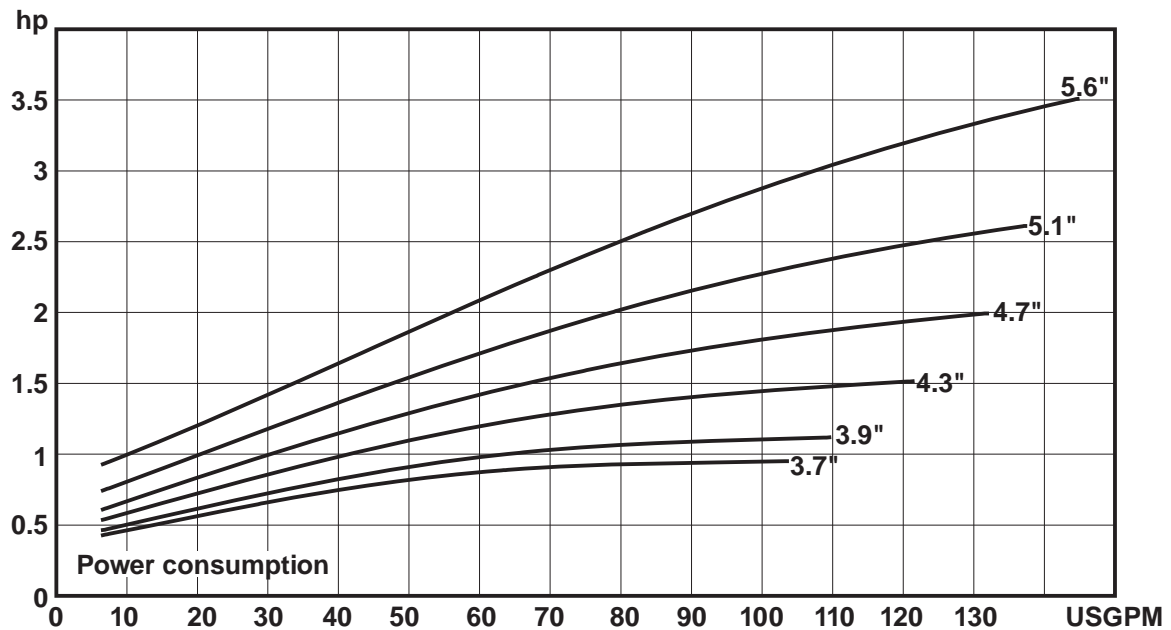
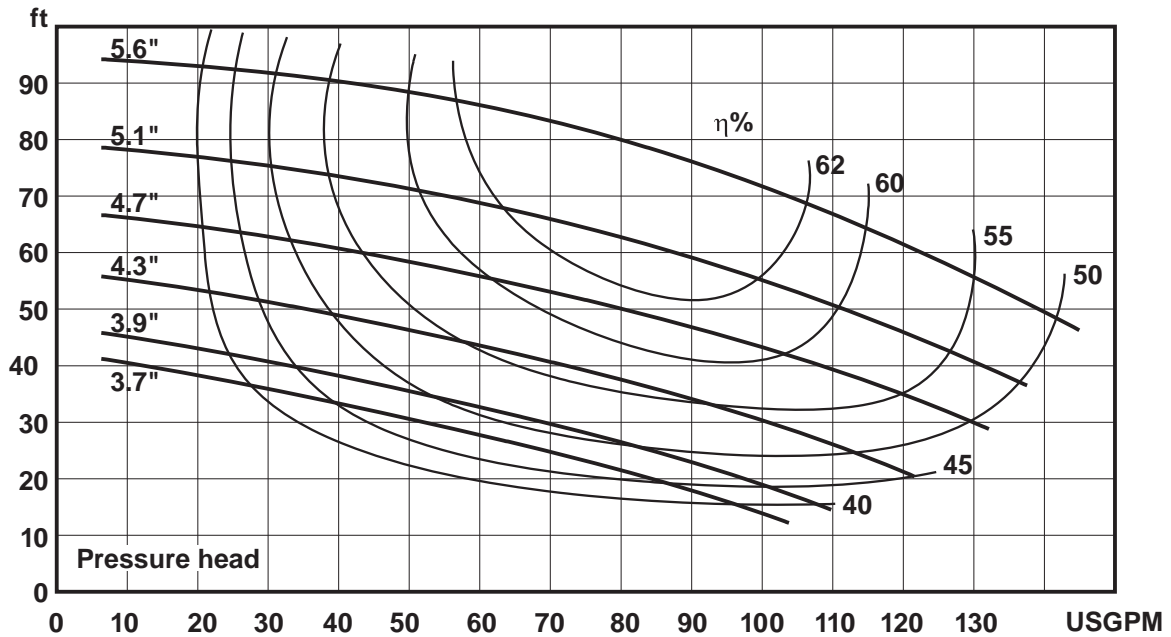




W+ SERIES MODEL W+22/20 CENTRIFUGAL PUMP CAPACITY CURVE
2" INLET - 2" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

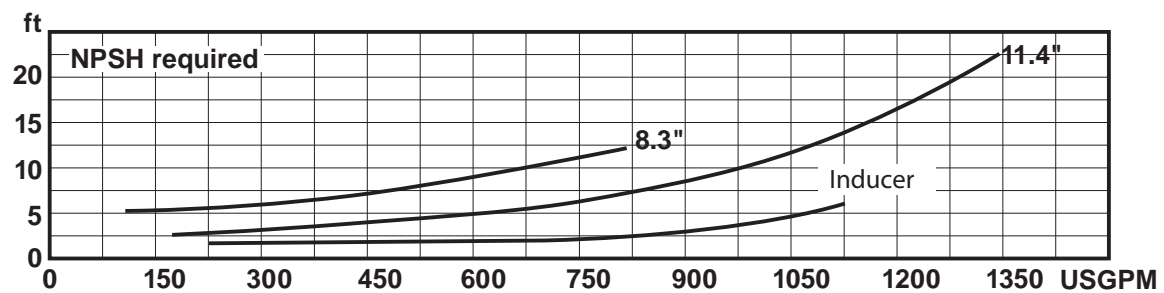
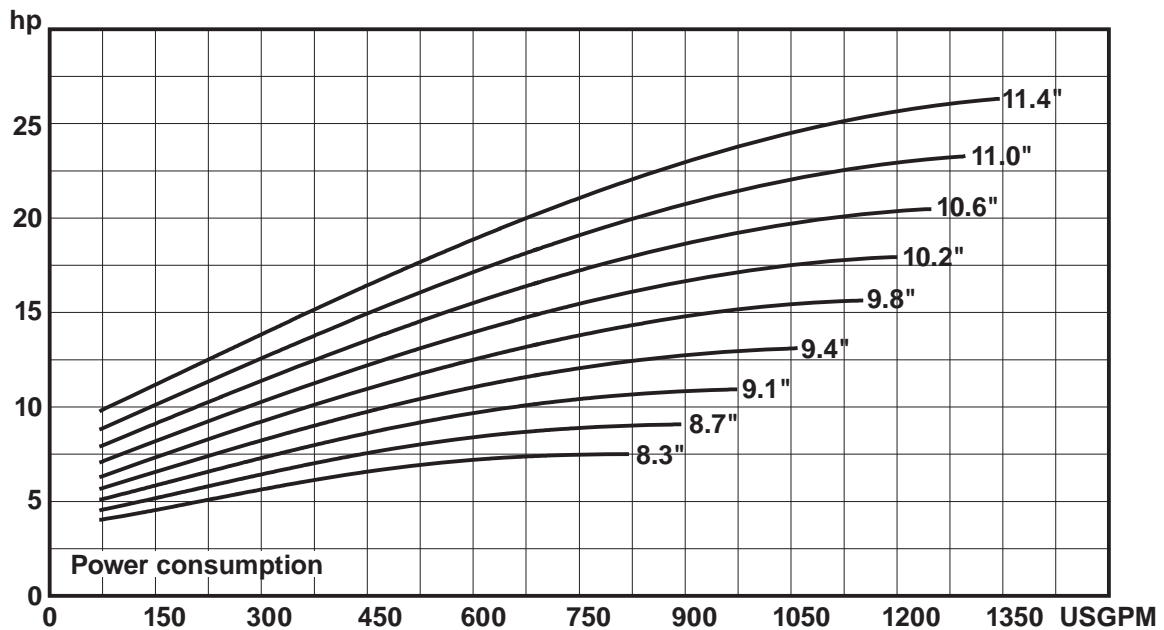
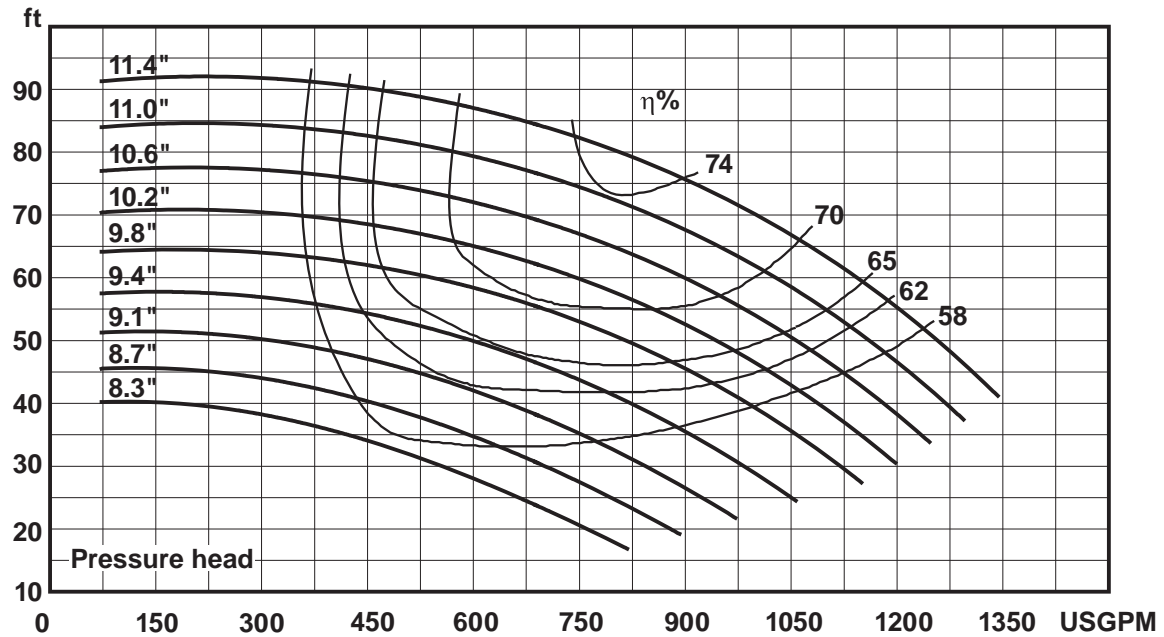
Impeller dia: Max: 5.6"
Performance data refer to water at 68°F
Permissible tolerance ± 5%



W+ SERIES MODEL W+25/210 CENTRIFUGAL PUMP CAPACITY CURVE 6" INLET - 4" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 11.4"
 Performance data refer to water at 68°F
 Permissible tolerance ± 5%

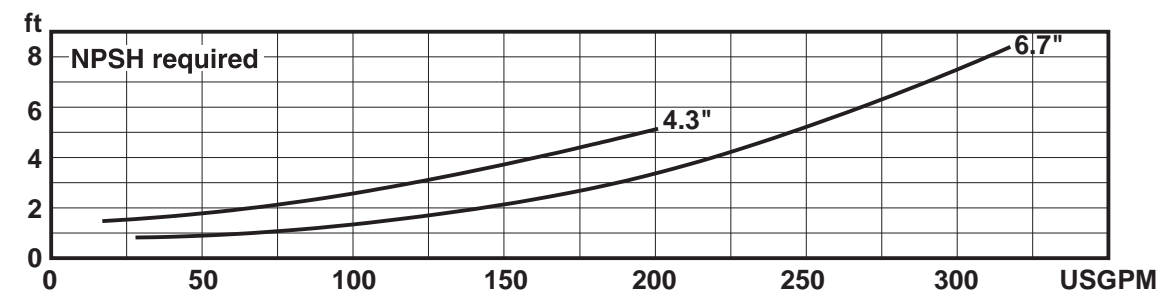
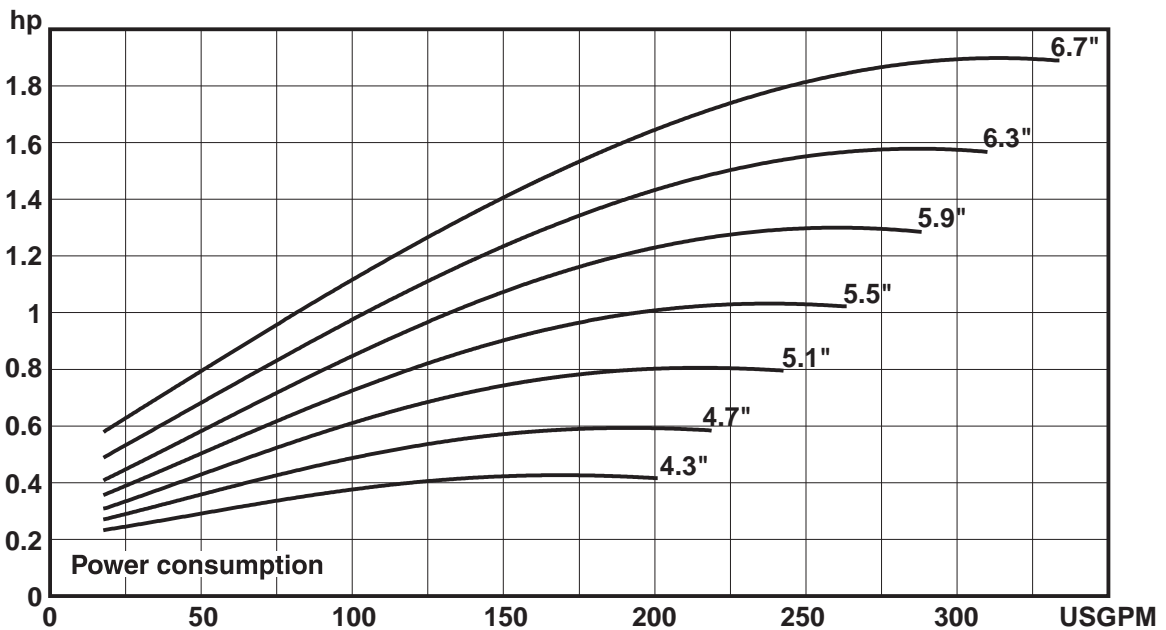
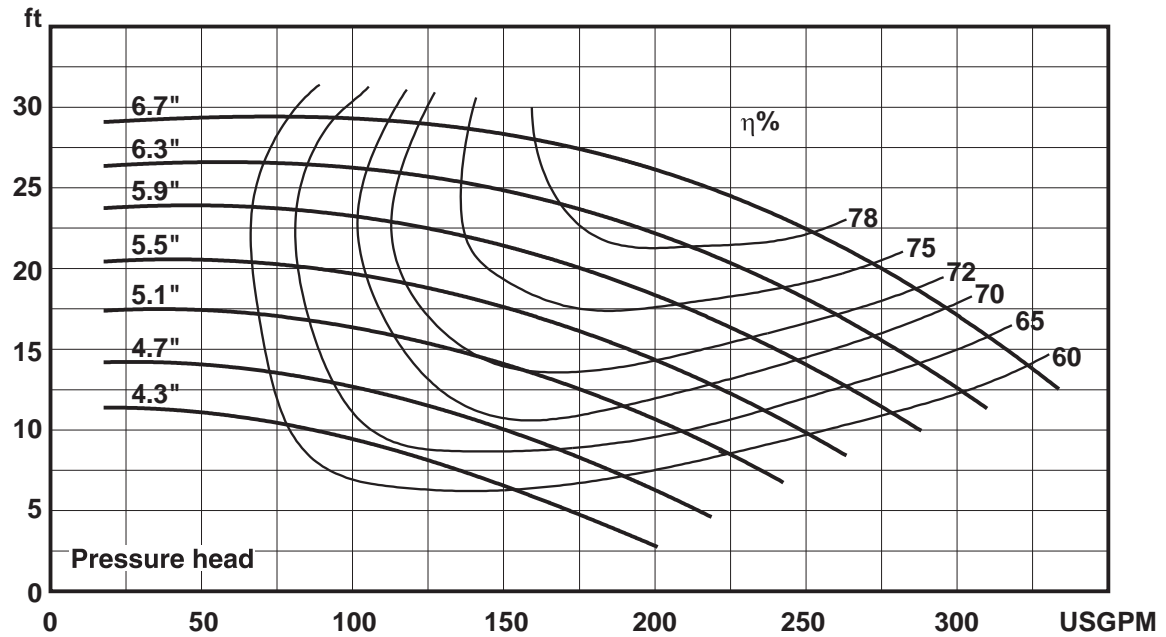




W+ SERIES MODEL W+30/80 CENTRIFUGAL PUMP CAPACITY CURVE
4" INLET - 3" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 6.7"
 Performance data refer to water at 68°F
 Permissible tolerance ± 5%

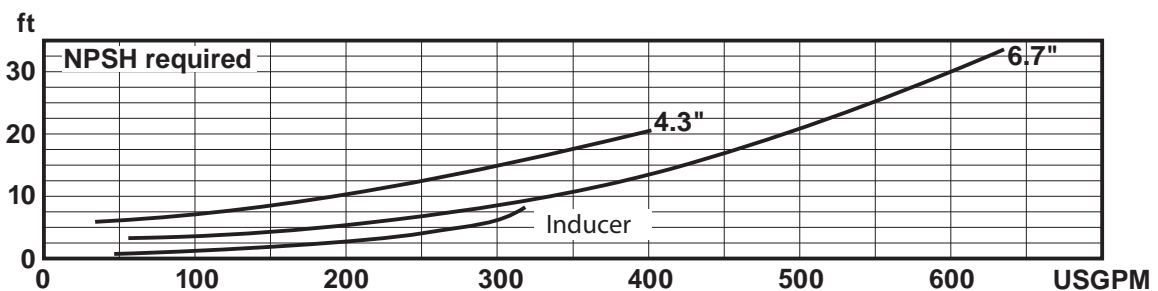
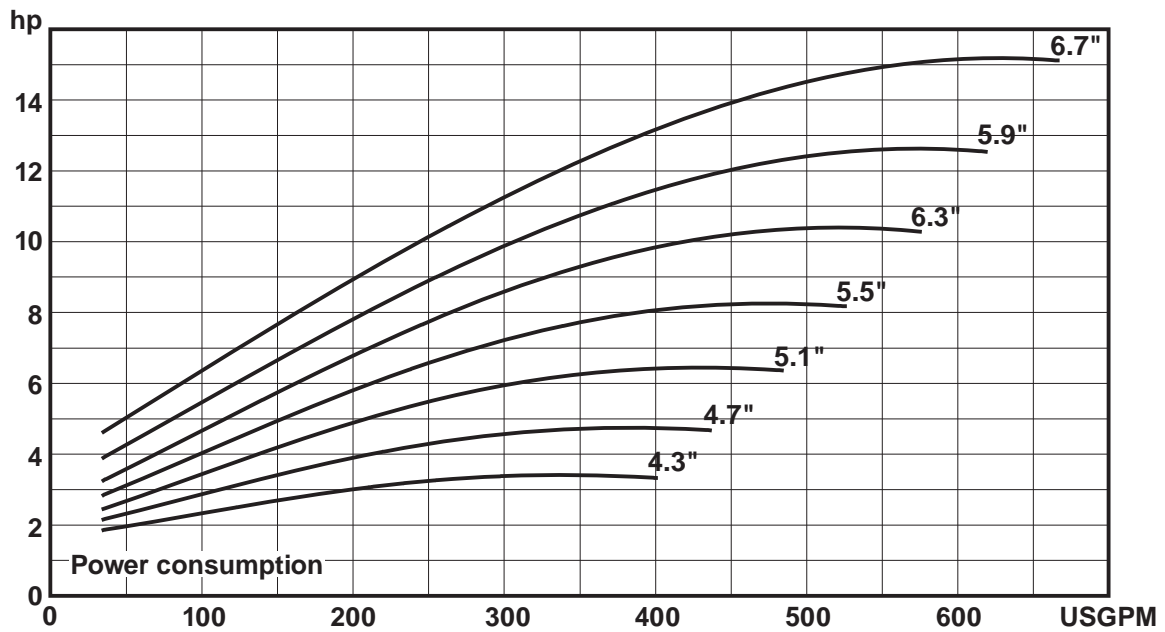
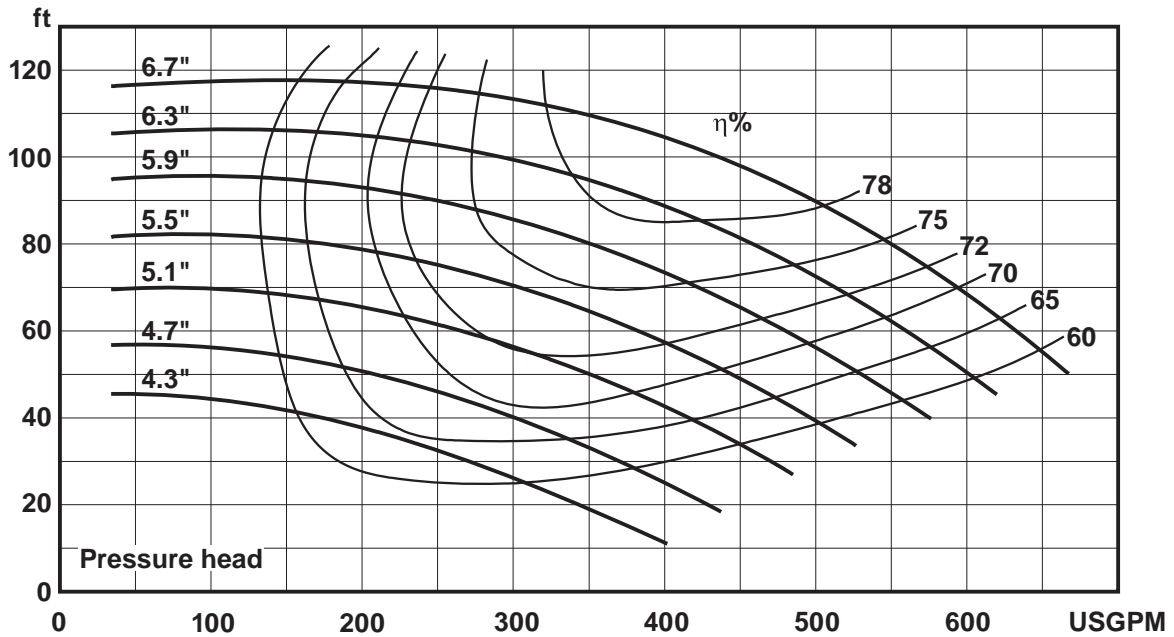




W+ SERIES MODEL W+30/80 CENTRIFUGAL PUMP CAPACITY CURVE
4" INLET - 3" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

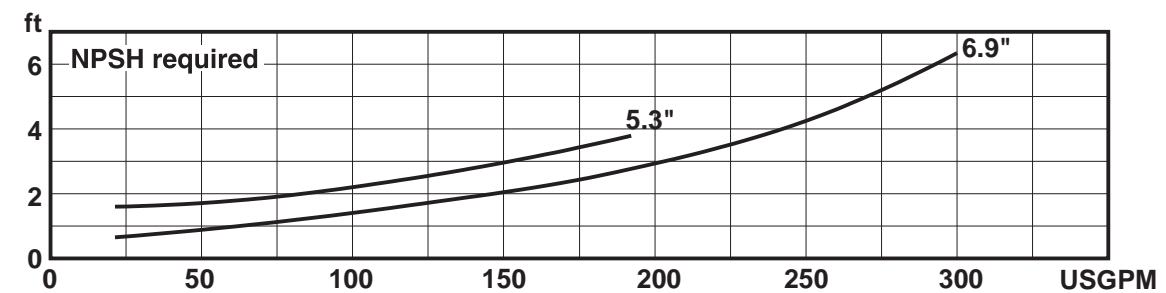
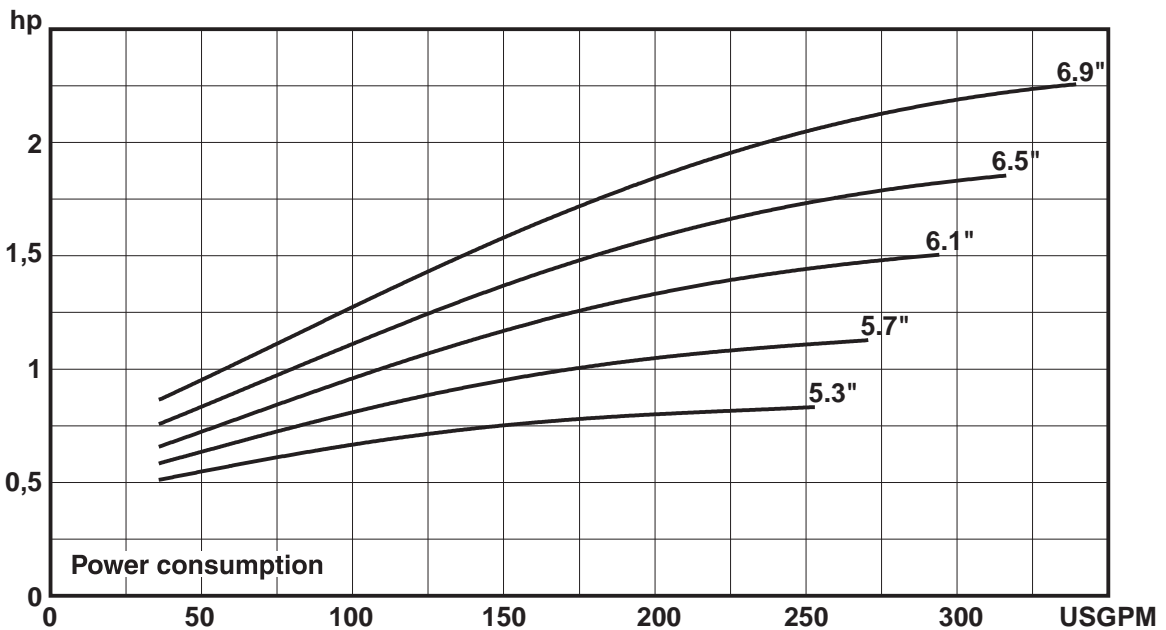
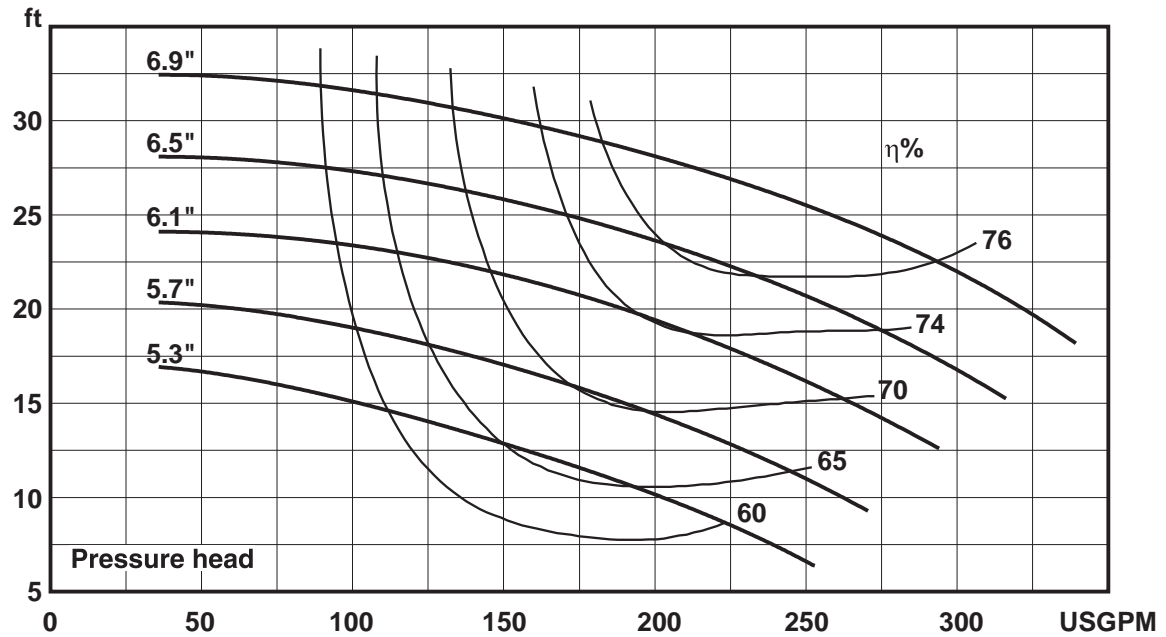
Impeller dia: Max: 6.7"
Performance data refer to water at 68°F
Permissible tolerance ± 5%



W+ SERIES MODEL W+30/120 CENTRIFUGAL PUMP CAPACITY CURVE
4" INLET - 3" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 6.9"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

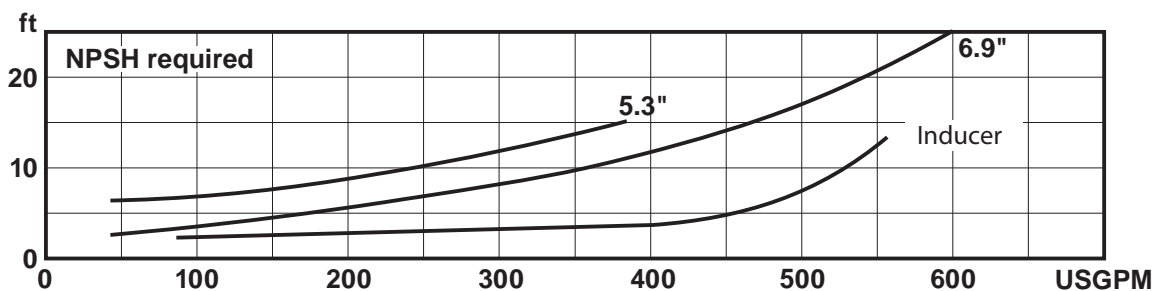
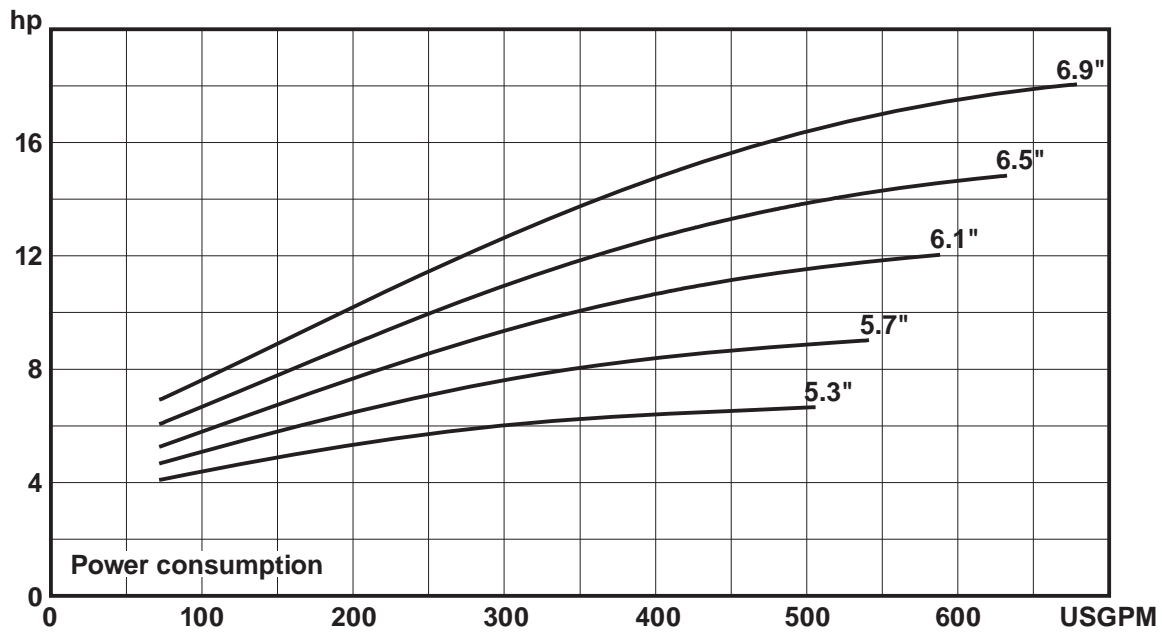
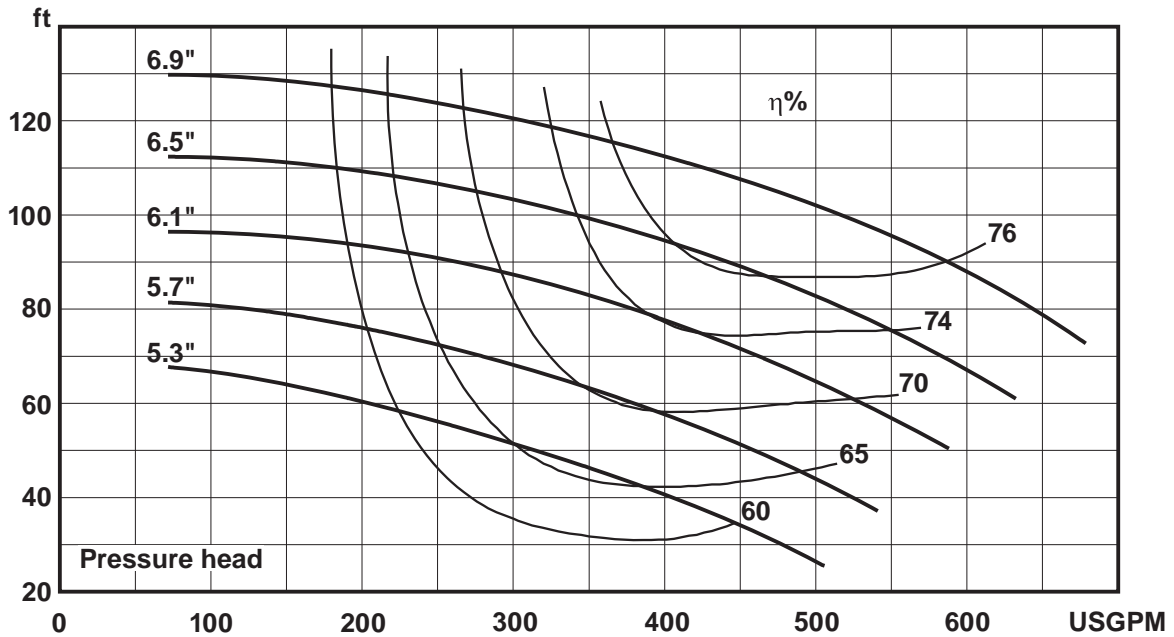




W+ SERIES MODEL W+30/120 CENTRIFUGAL PUMP CAPACITY CURVE
4" INLET - 3" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 6.9"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

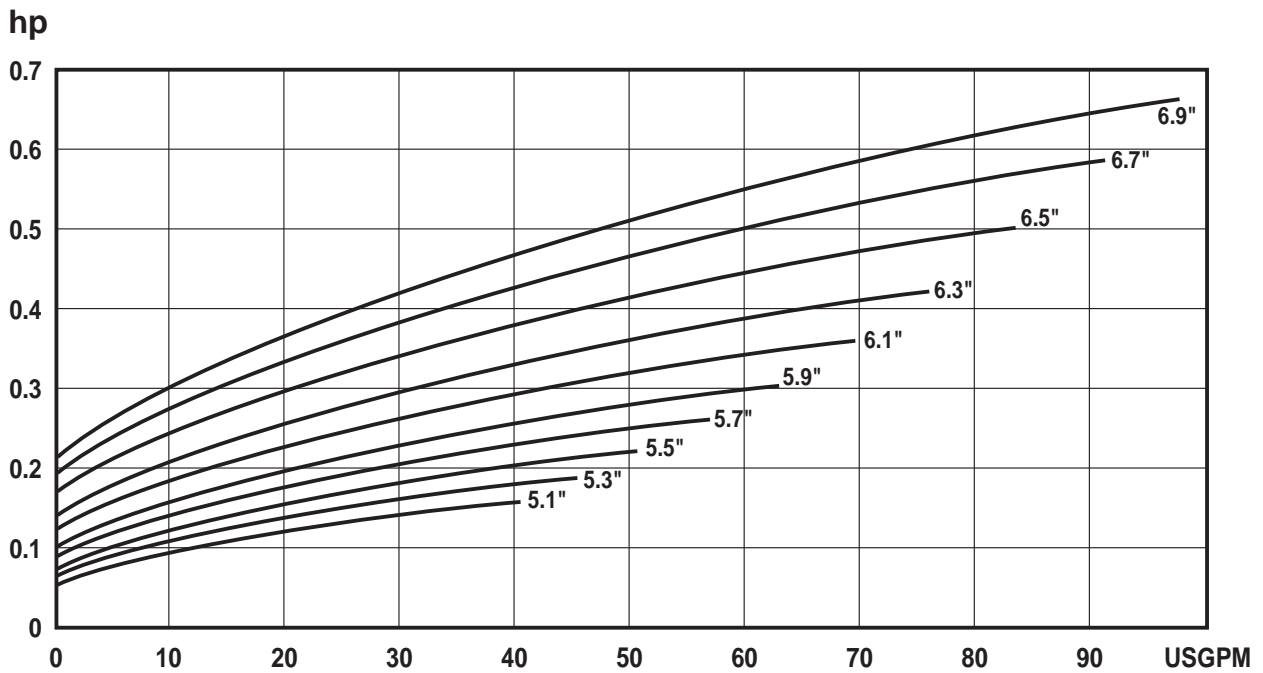
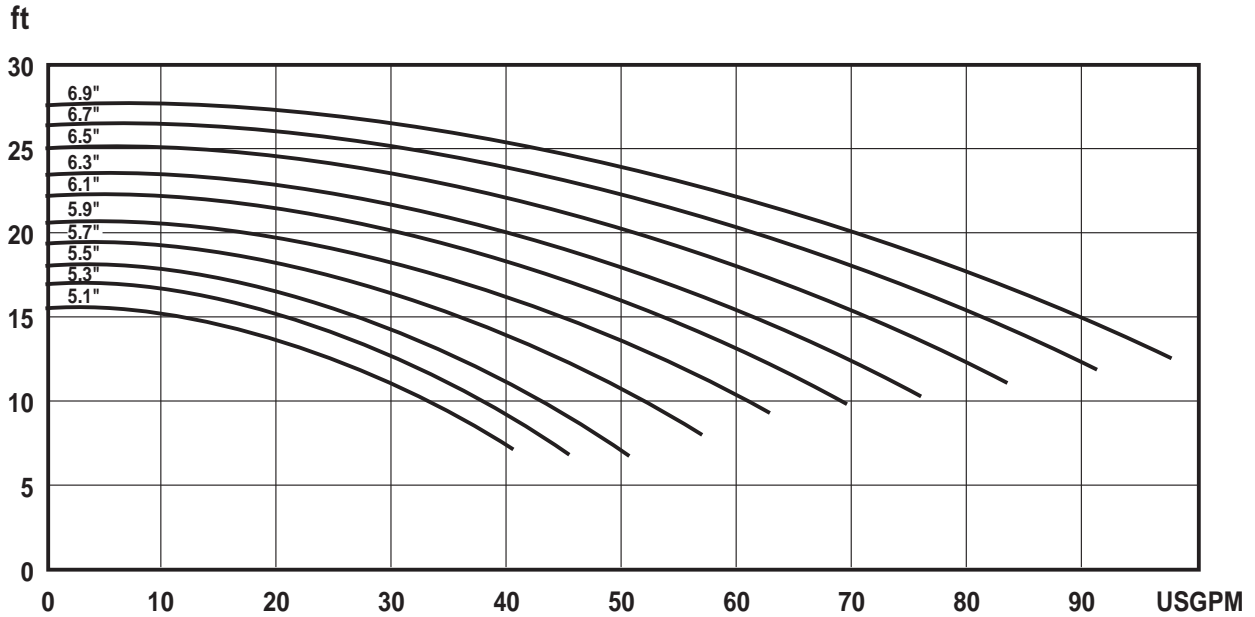




**W+ SERIES MODEL W+35/35 CENTRIFUGAL PUMP CAPACITY CURVE
2.5" INLET - 2" OUTLET, 1450 RPM, 50 Hz**

NOTE: _____

Impeller dia: Max: 6.9" - Low Flow Impeller
Performance data refer to water at 68°F
Provisional

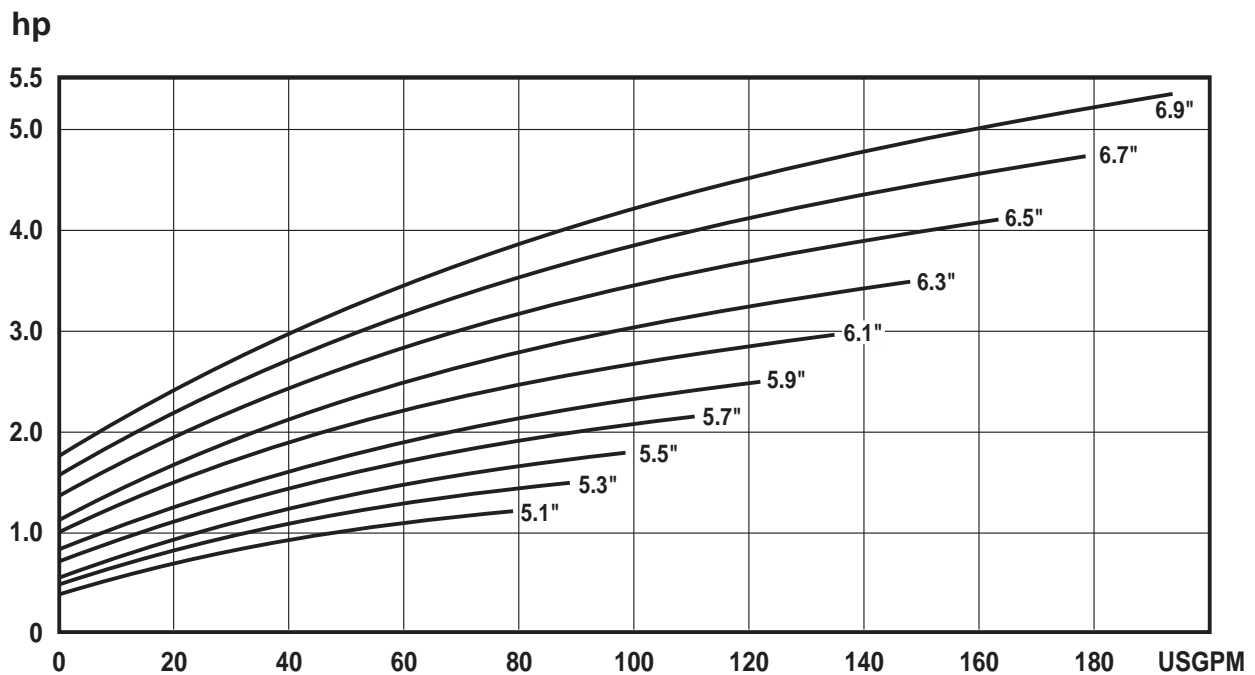
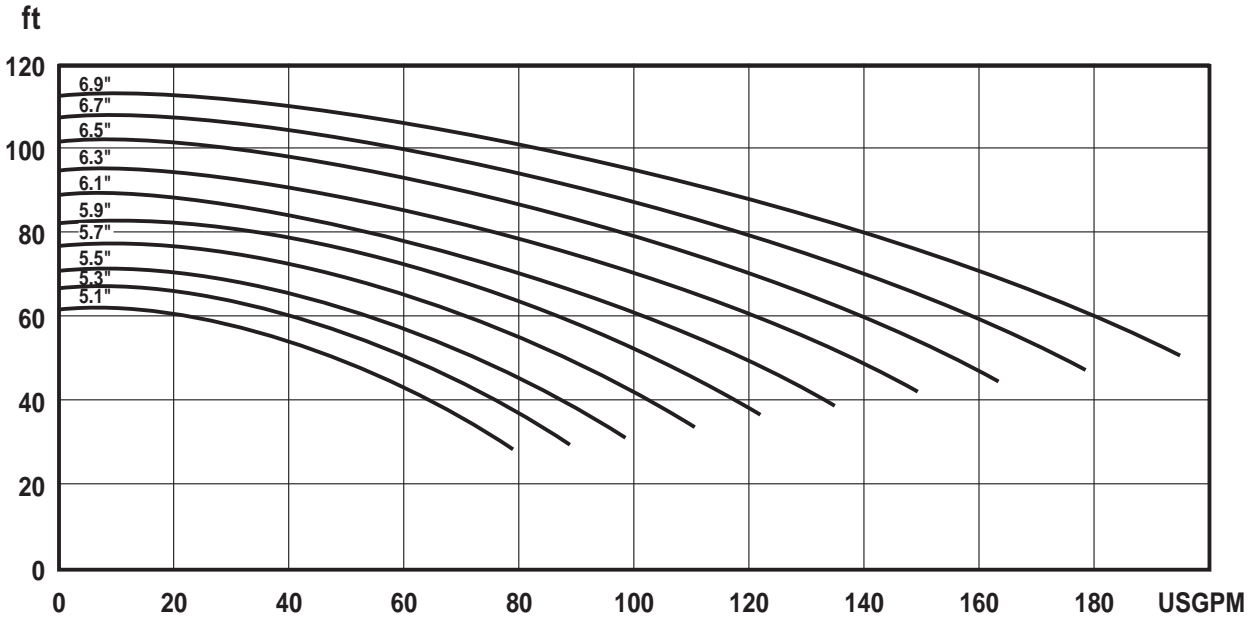




**W+ SERIES MODEL W+35/35 CENTRIFUGAL PUMP CAPACITY CURVE
2.5" INLET - 2" OUTLET, 2900 RPM, 50 Hz**

NOTE: _____

Impeller dia: Max: 6.9" - Low Flow Impeller
Performance data refer to water at 68°F
Provisional

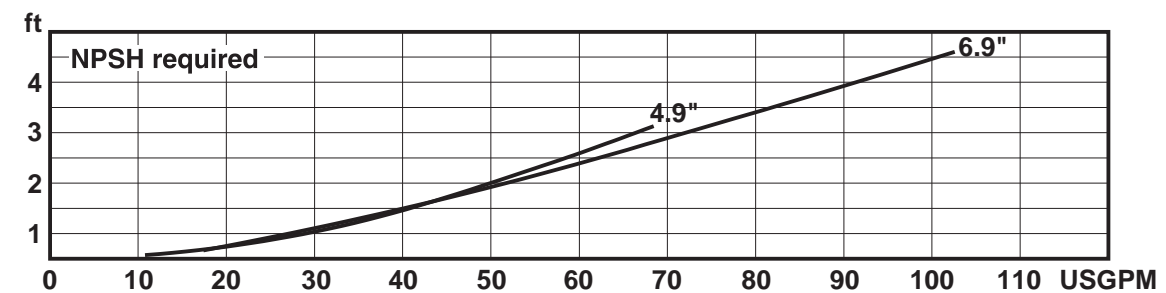
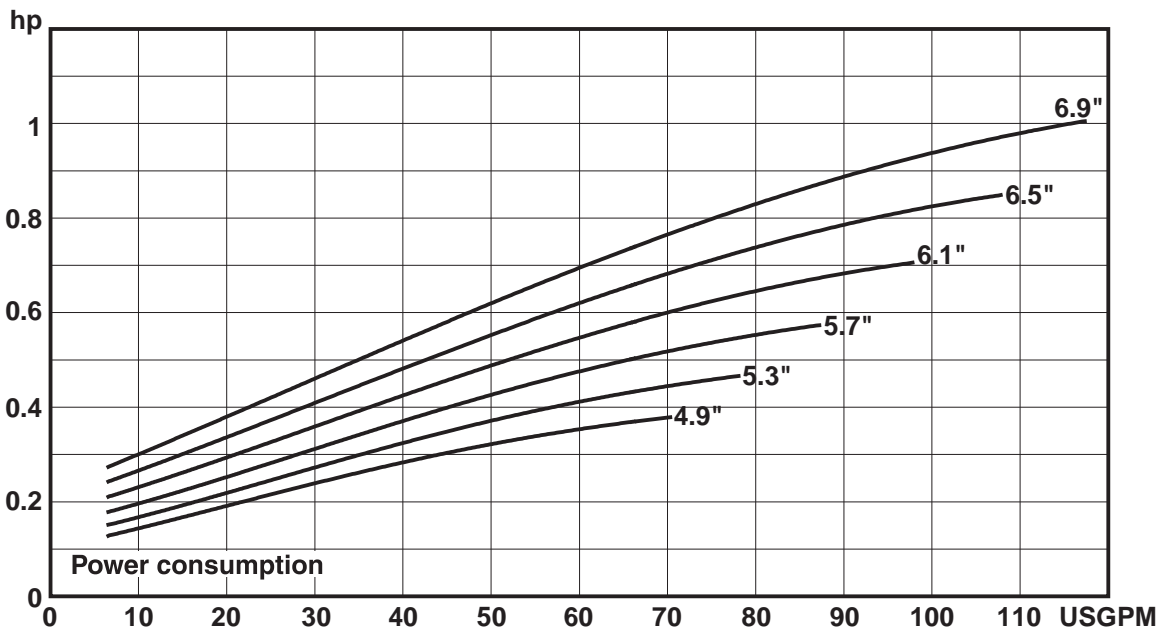
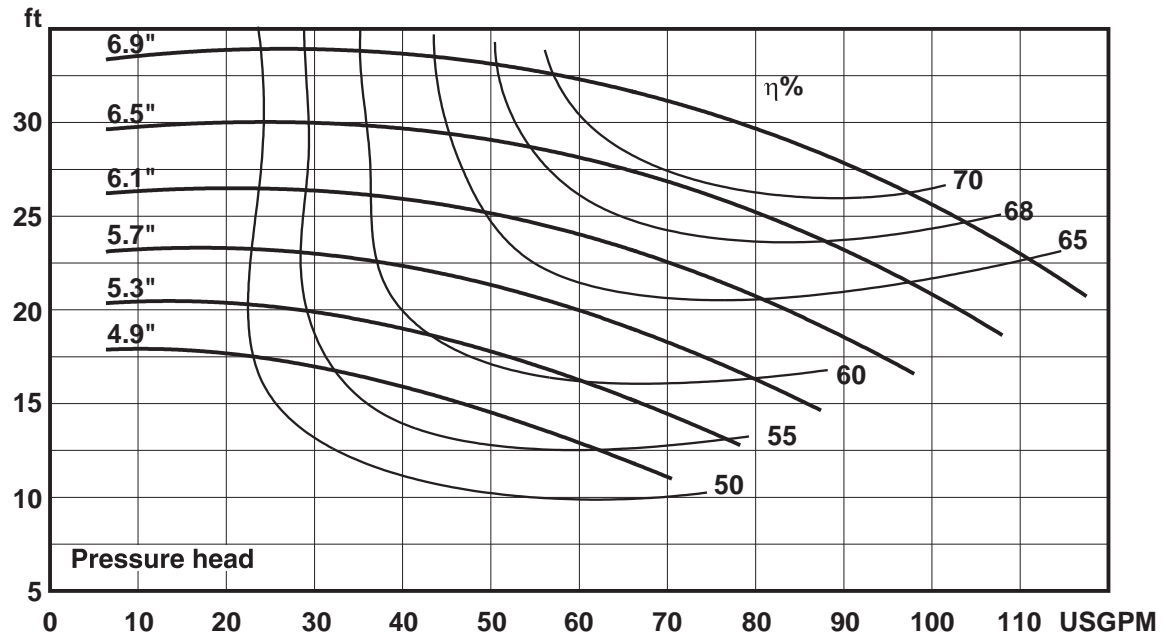




W+ SERIES MODEL W+35/35 CENTRIFUGAL PUMP CAPACITY CURVE
2.5" INLET - 2" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 6.9"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

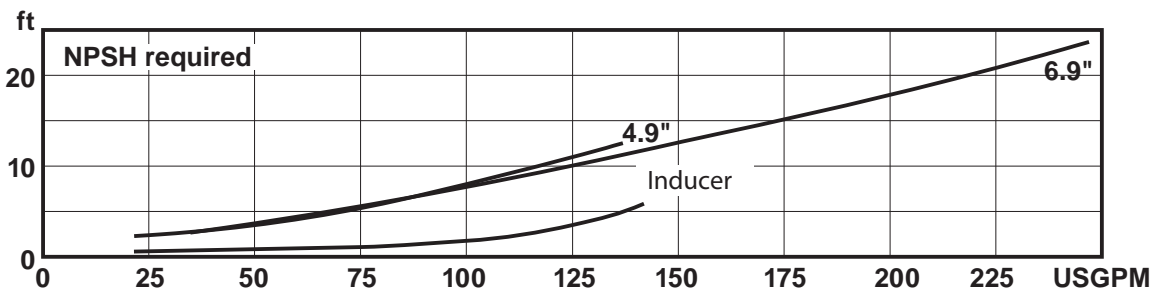
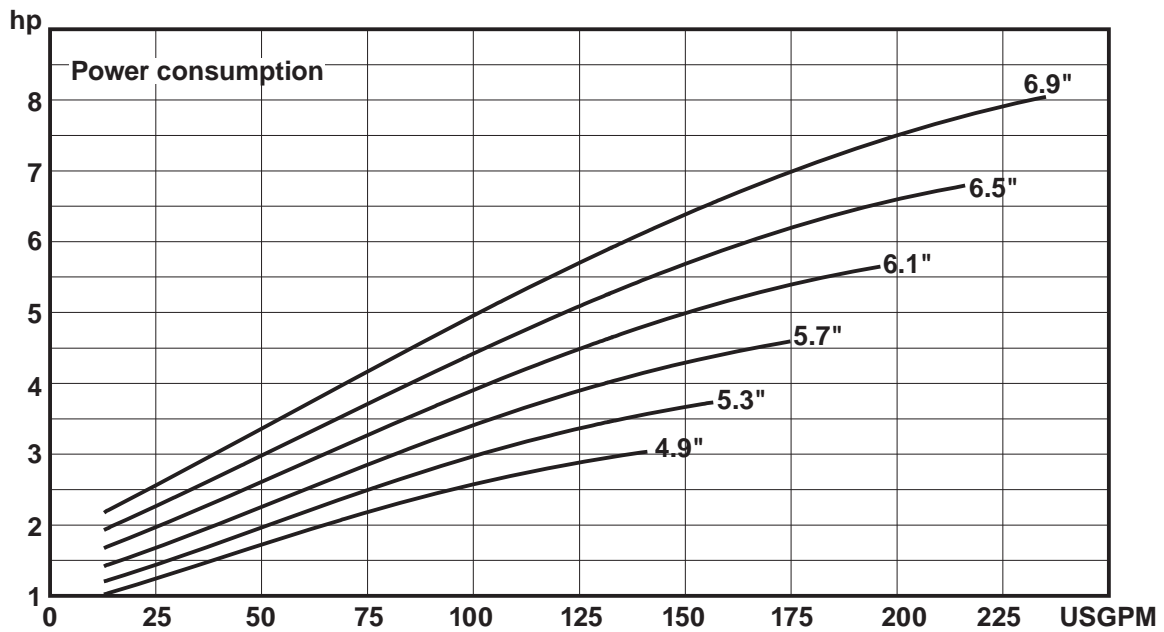
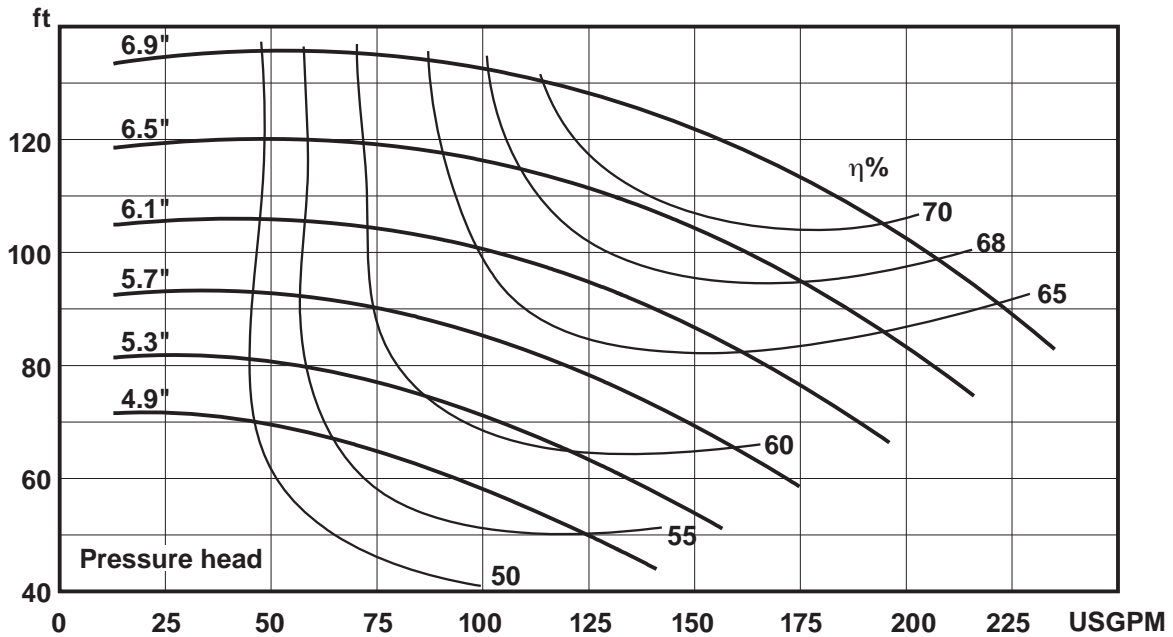




W+ SERIES MODEL W+35/35 CENTRIFUGAL PUMP CAPACITY CURVE
2.5" INLET - 2" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

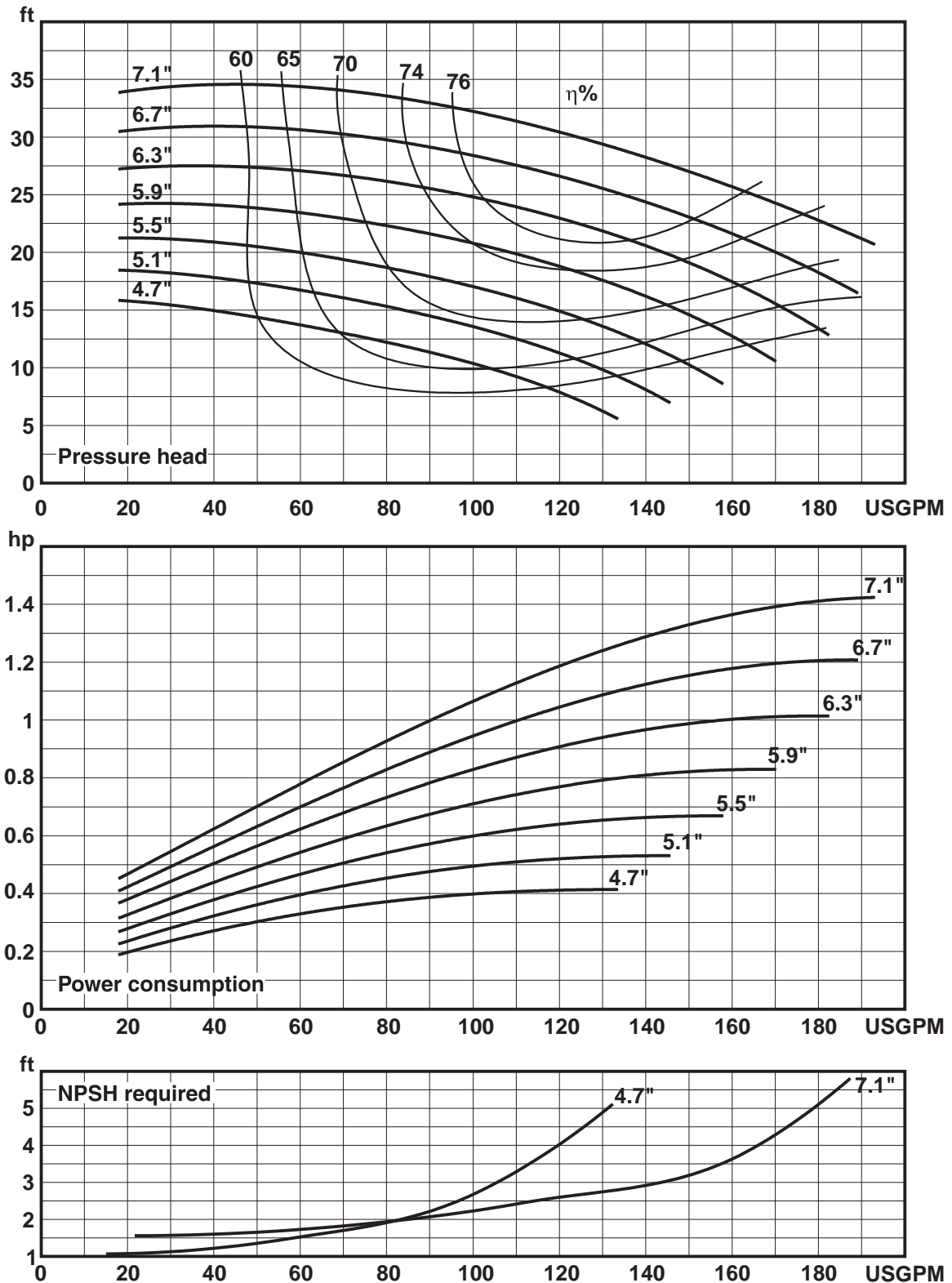
Impeller dia: Max: 6.9"
Performance data refer to water at 68°F
Permissible tolerance ± 5%



W+ SERIES MODEL W+35/55 CENTRIFUGAL PUMP CAPACITY CURVE 3" INLET - 2.5" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

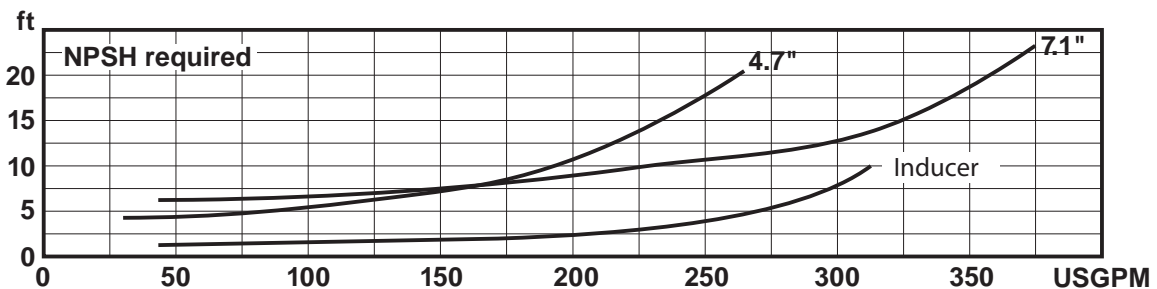
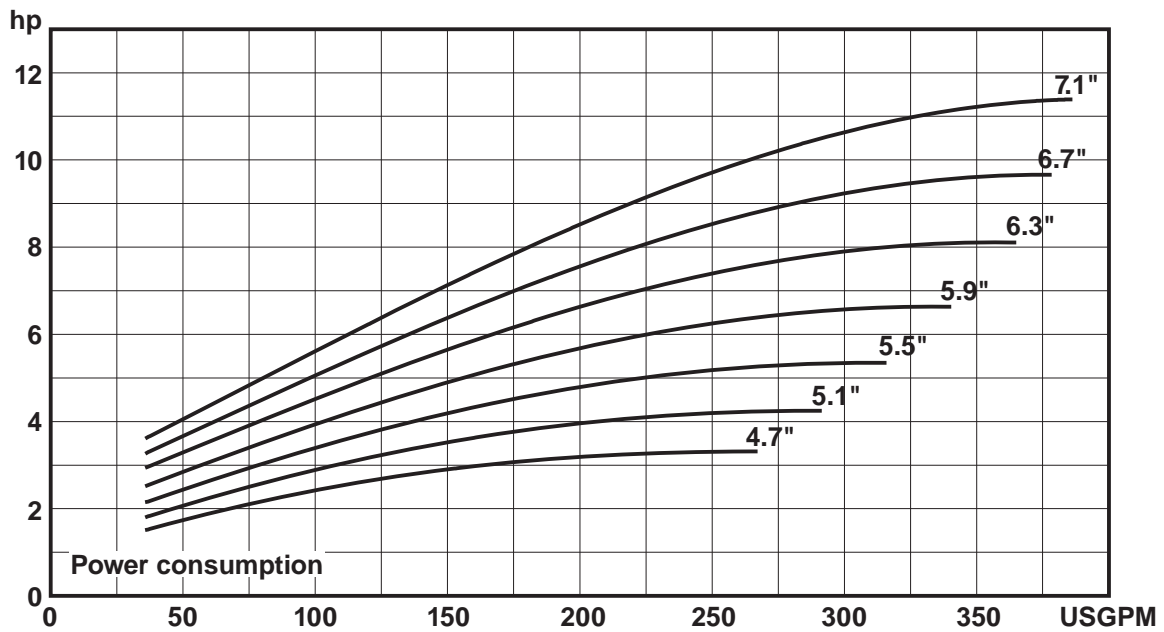
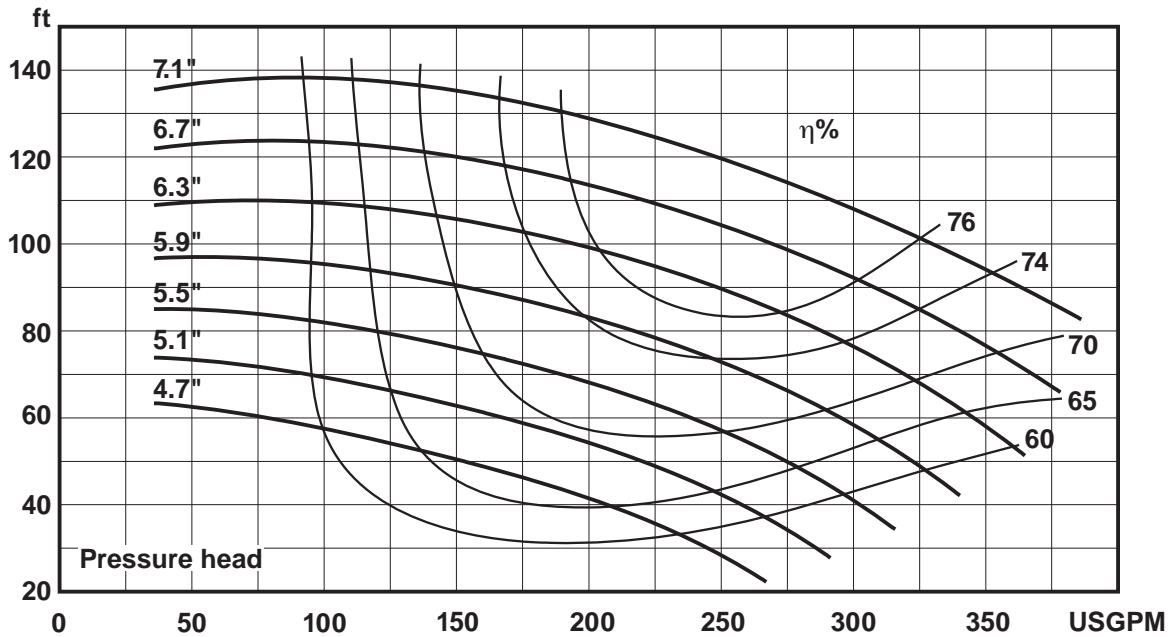
Impeller dia: Max: 7.1"
Performance data refer to water at 68°F
Permissible tolerance $\pm 5\%$



W+ SERIES MODEL W+35/55 CENTRIFUGAL PUMP CAPACITY CURVE 3" INLET - 2.5" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 7.1"
 Performance data refer to water at 68°F
 Permissible tolerance ± 5%

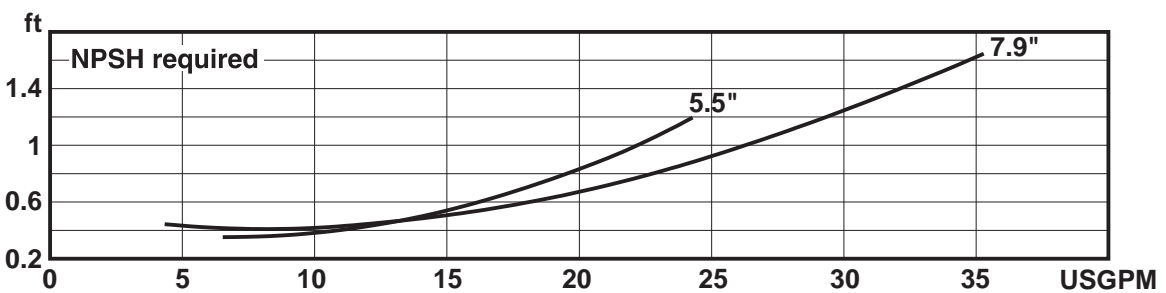
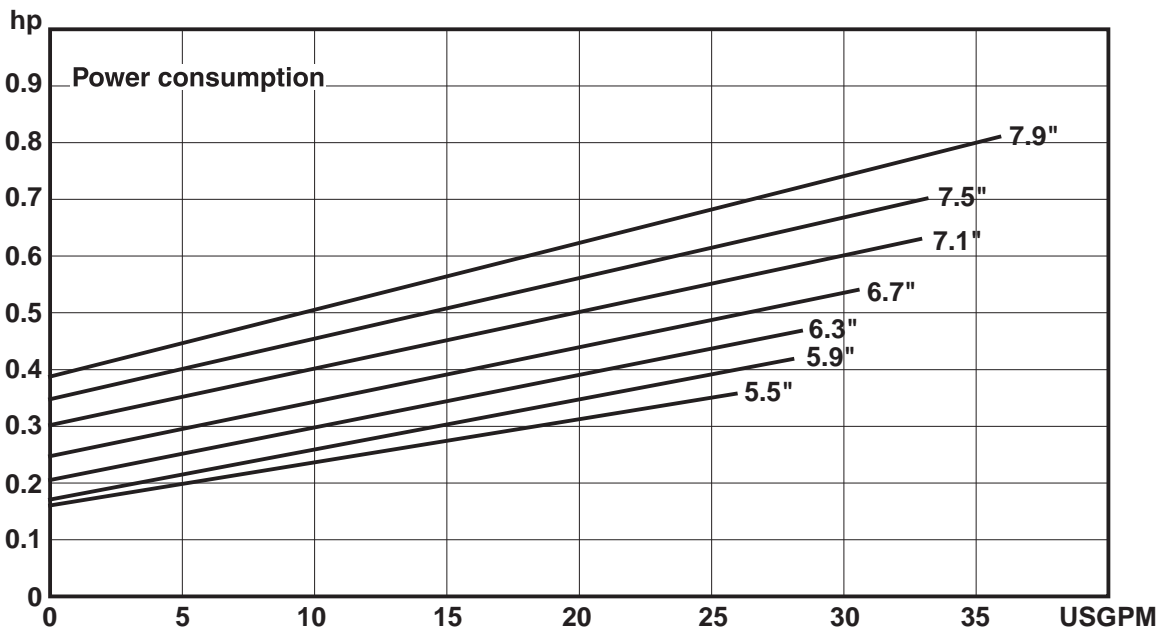
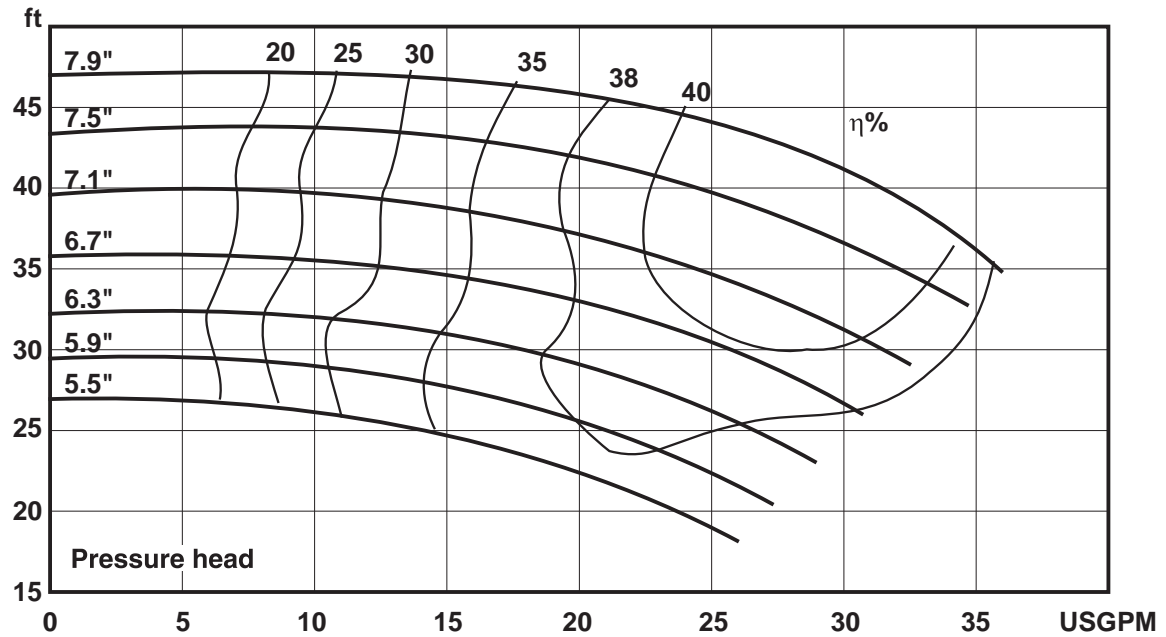




W+ SERIES MODEL W+50/8 CENTRIFUGAL PUMP CAPACITY CURVE
1.5" INLET - 1" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 7.9"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

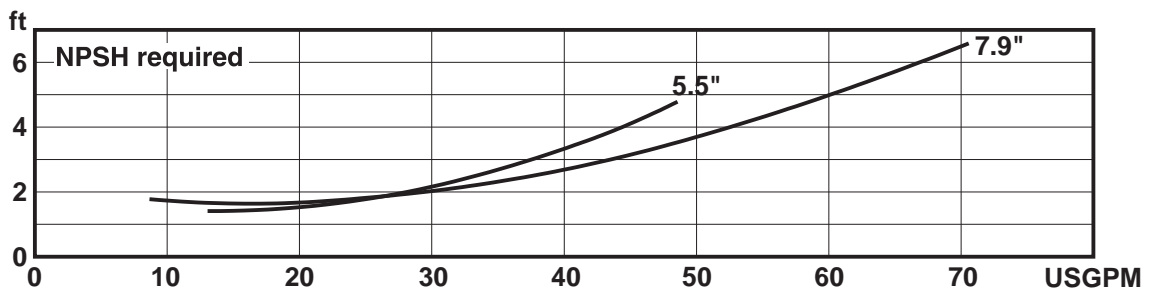
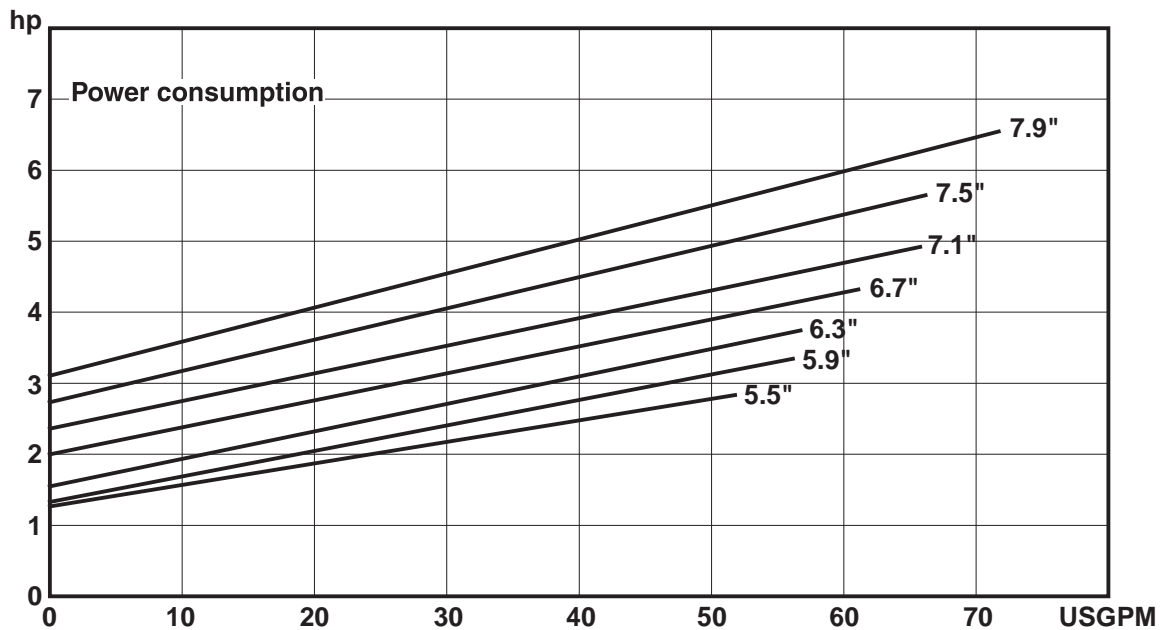
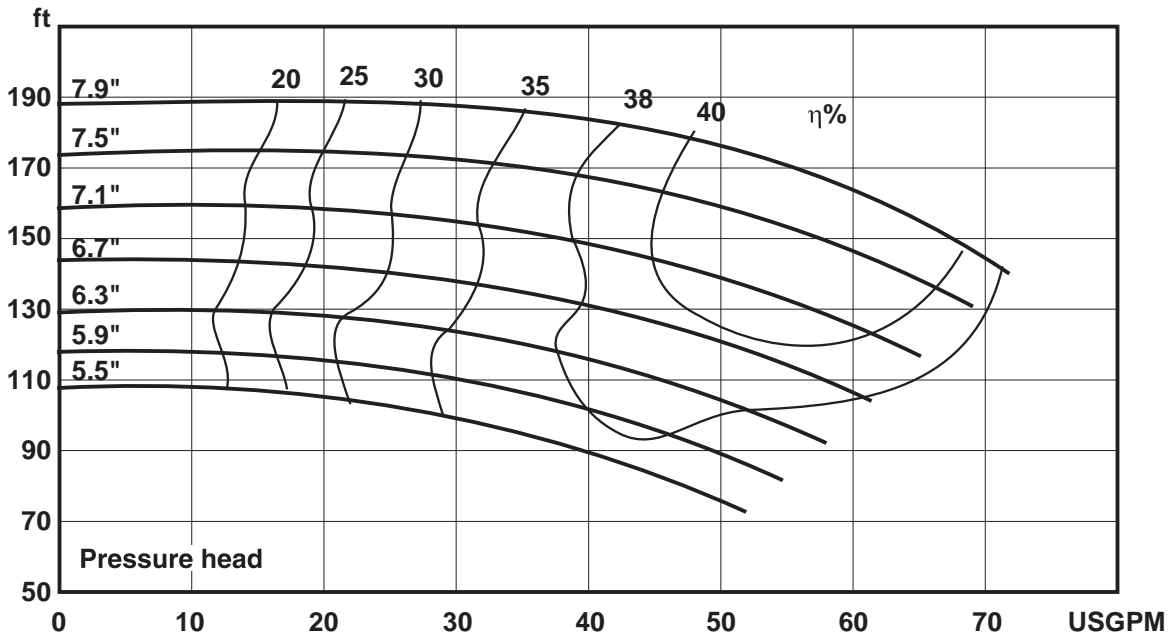




W+ SERIES MODEL W+50/8 CENTRIFUGAL PUMP CAPACITY CURVE
1.5" INLET - 1" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

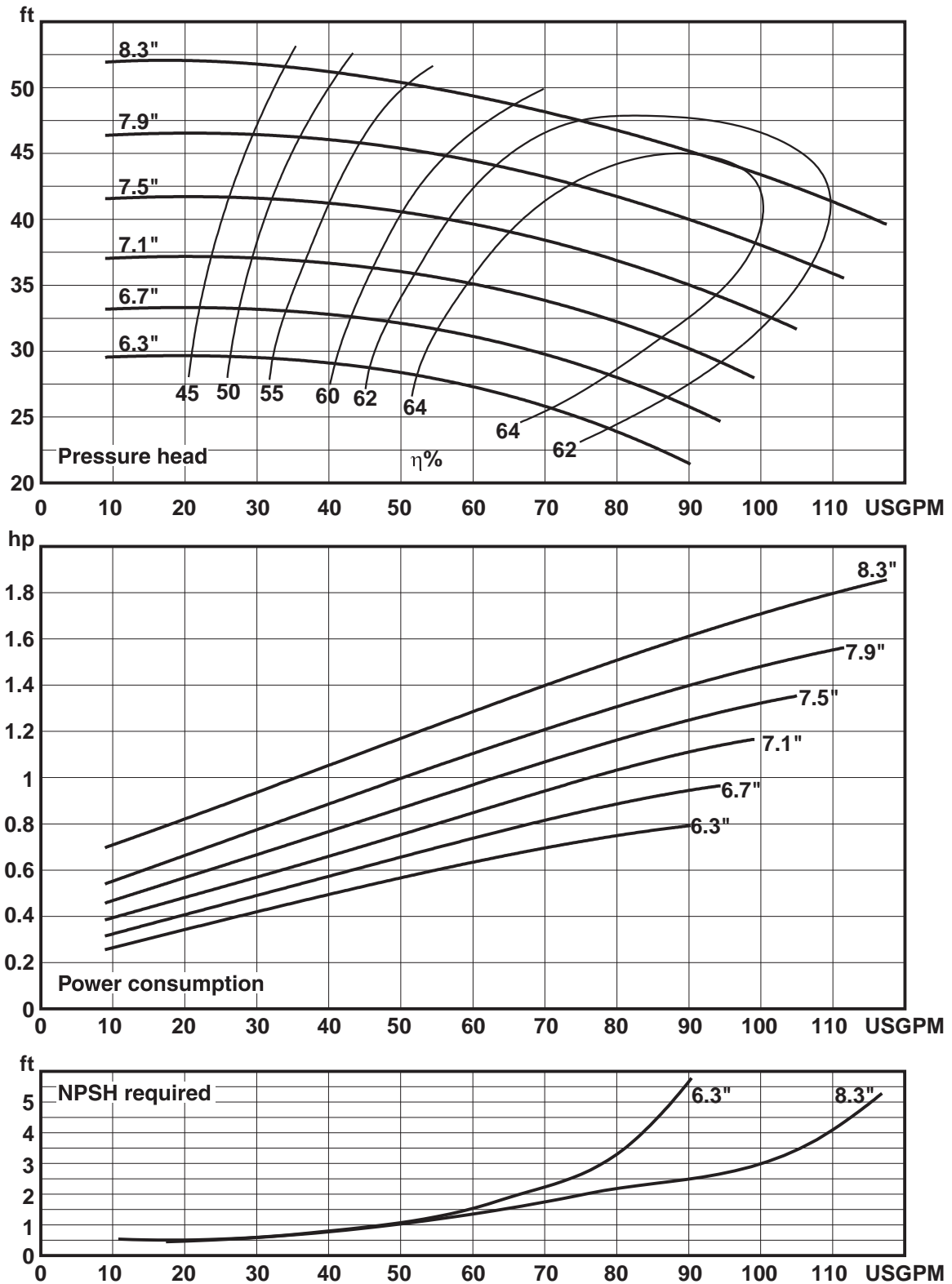
Impeller dia: Max: 7.9"
 Performance data refer to water at 68°F
 Permissible tolerance ± 5%



W+ SERIES MODEL W+55/35 CENTRIFUGAL PUMP CAPACITY CURVE
2.5" INLET - 1.5" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

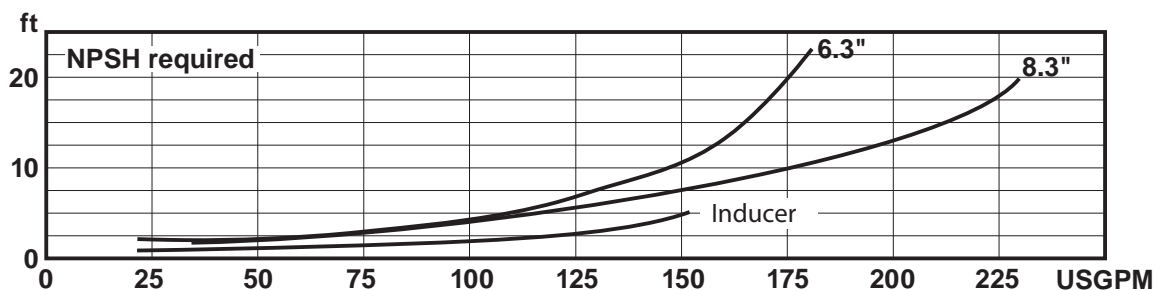
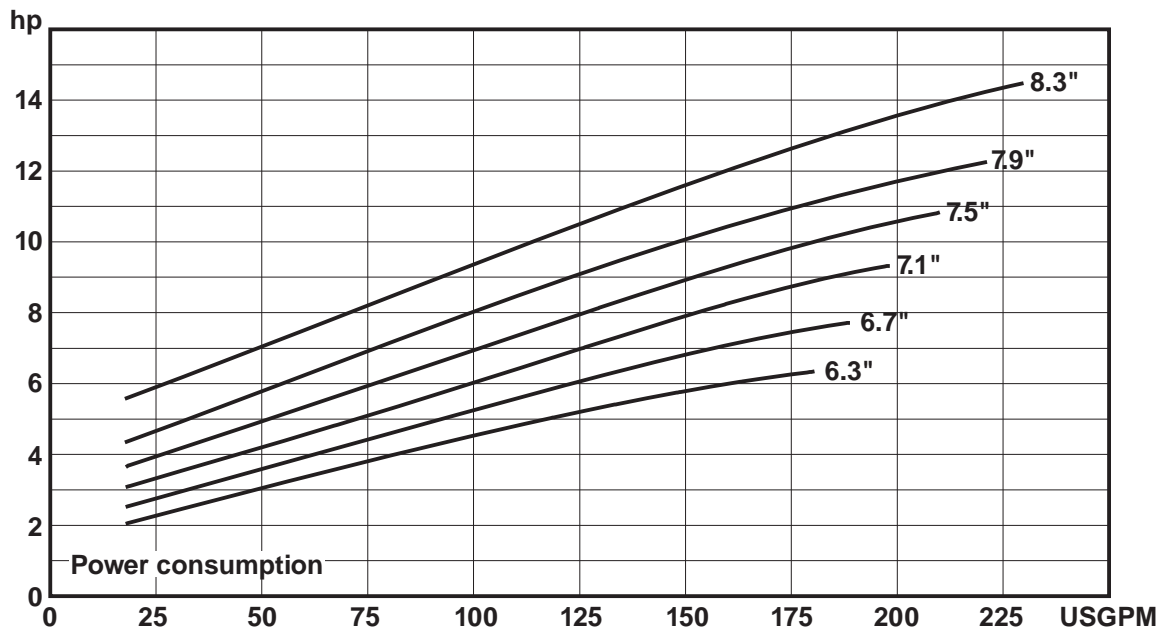
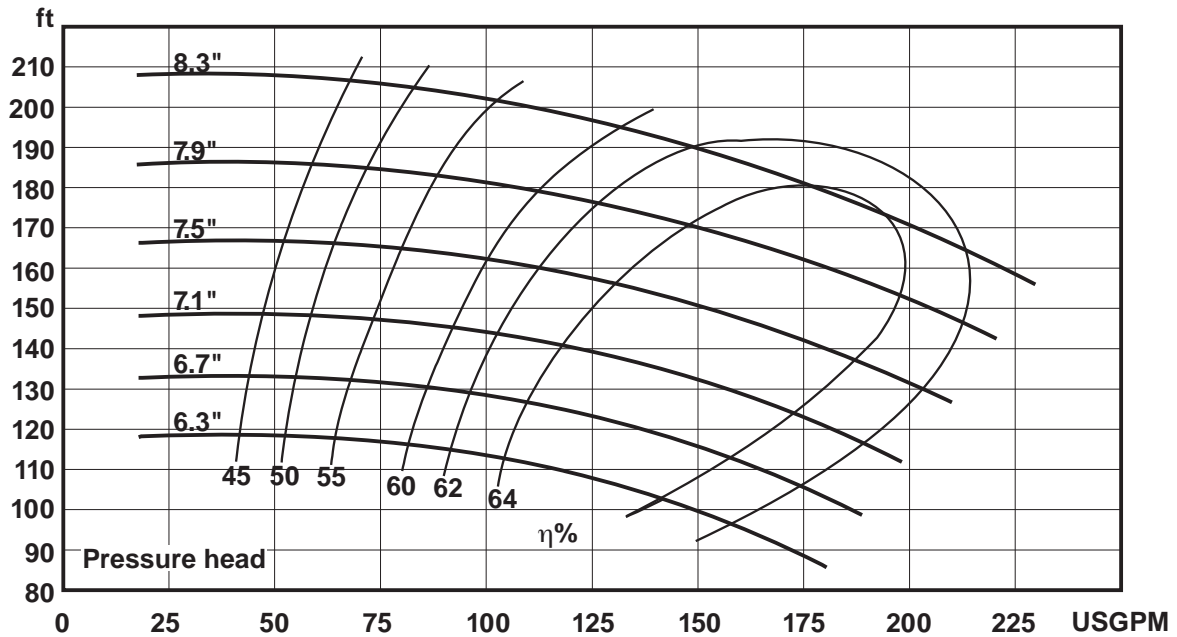
Impeller dia: Max: 8.3"
Performance data refer to water at 68°F
Permissible tolerance ± 5%



W+ SERIES MODEL W+55/35 CENTRIFUGAL PUMP CAPACITY CURVE 2.5" INLET - 1.5" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

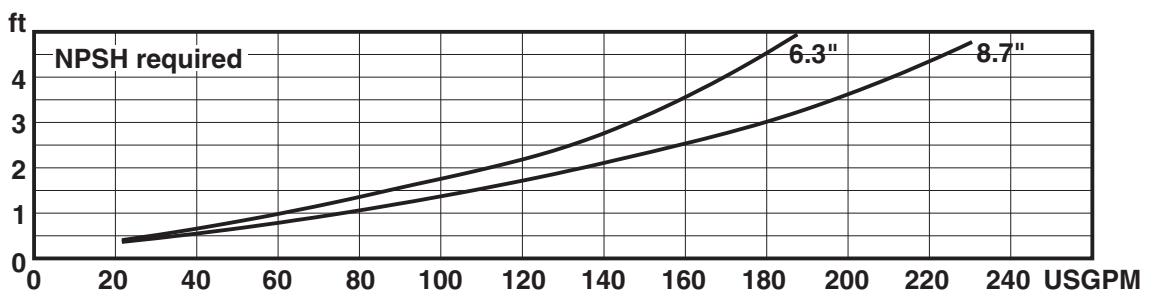
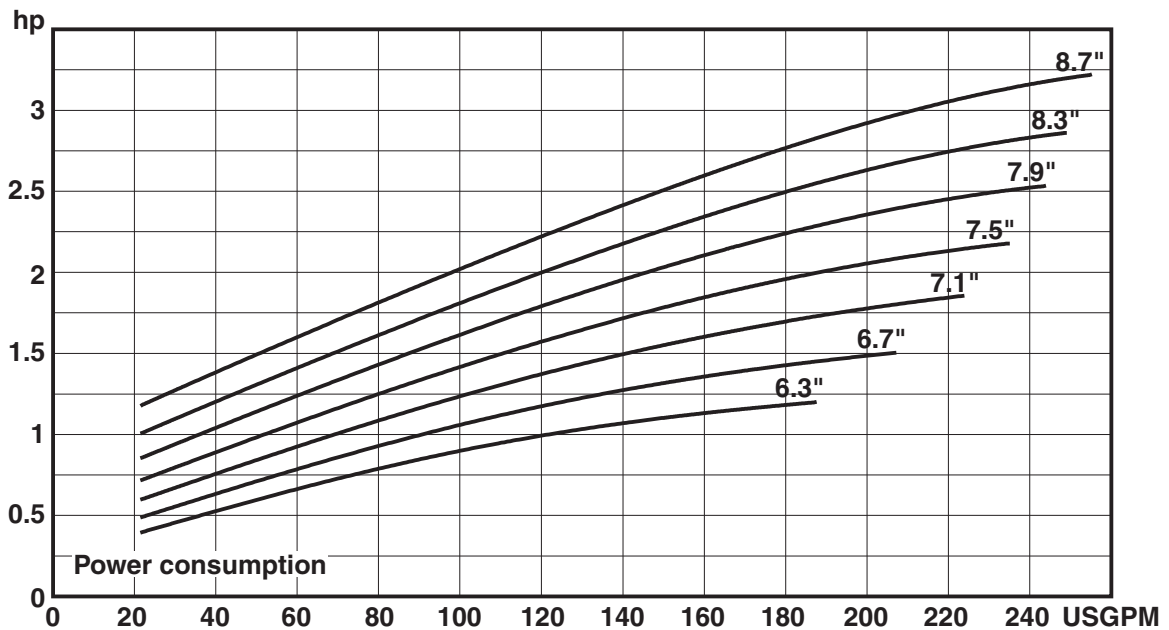
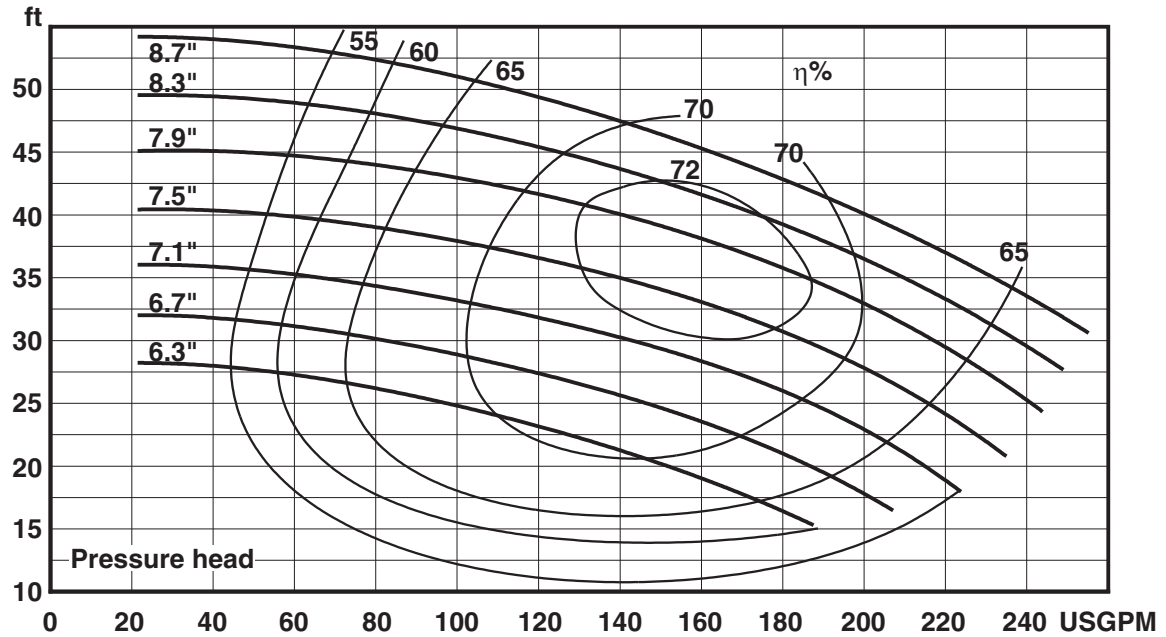
Impeller dia: Max: 8.3"
Performance data refer to water at 68°F
Permissible tolerance $\pm 5\%$



W+ SERIES MODEL W+55/60 CENTRIFUGAL PUMP CAPACITY CURVE 3" INLET - 2" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 8.7"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

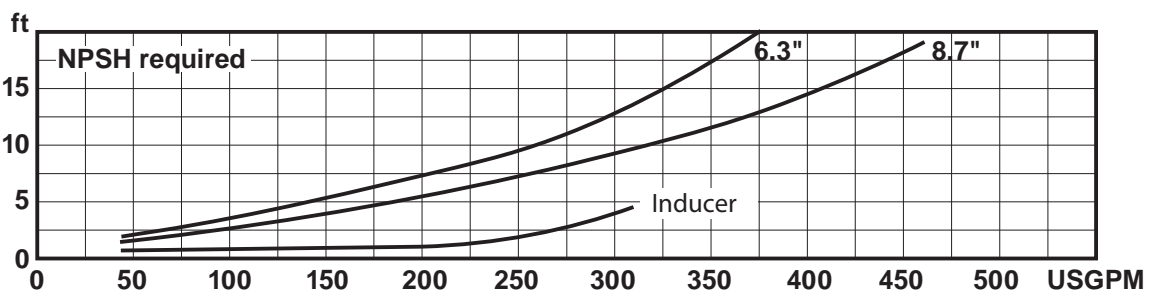
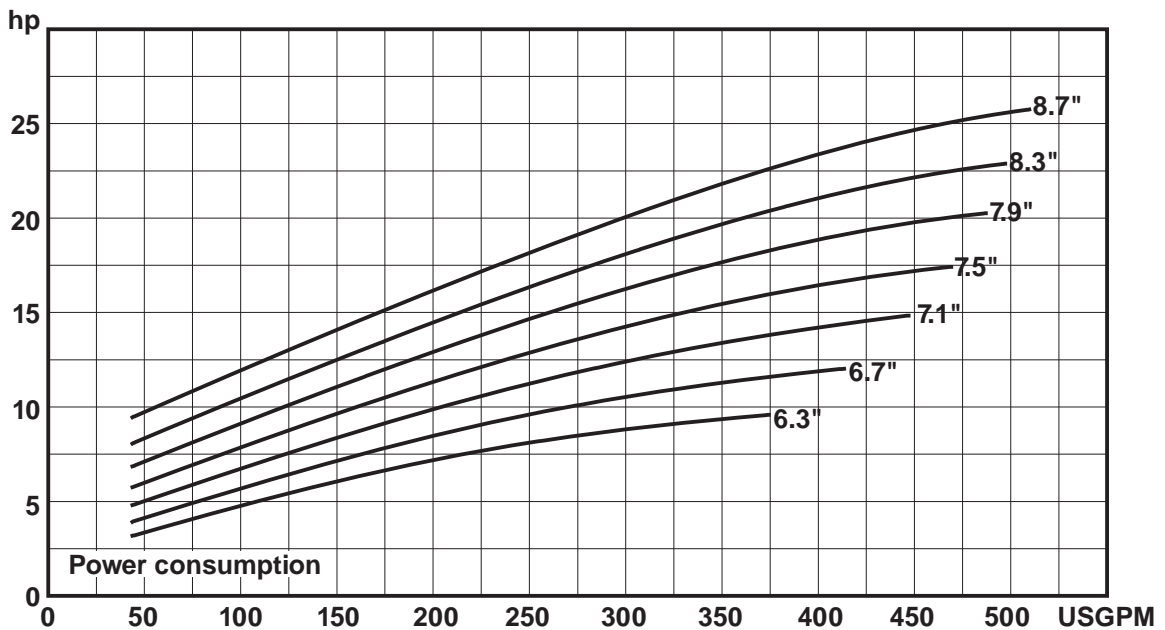
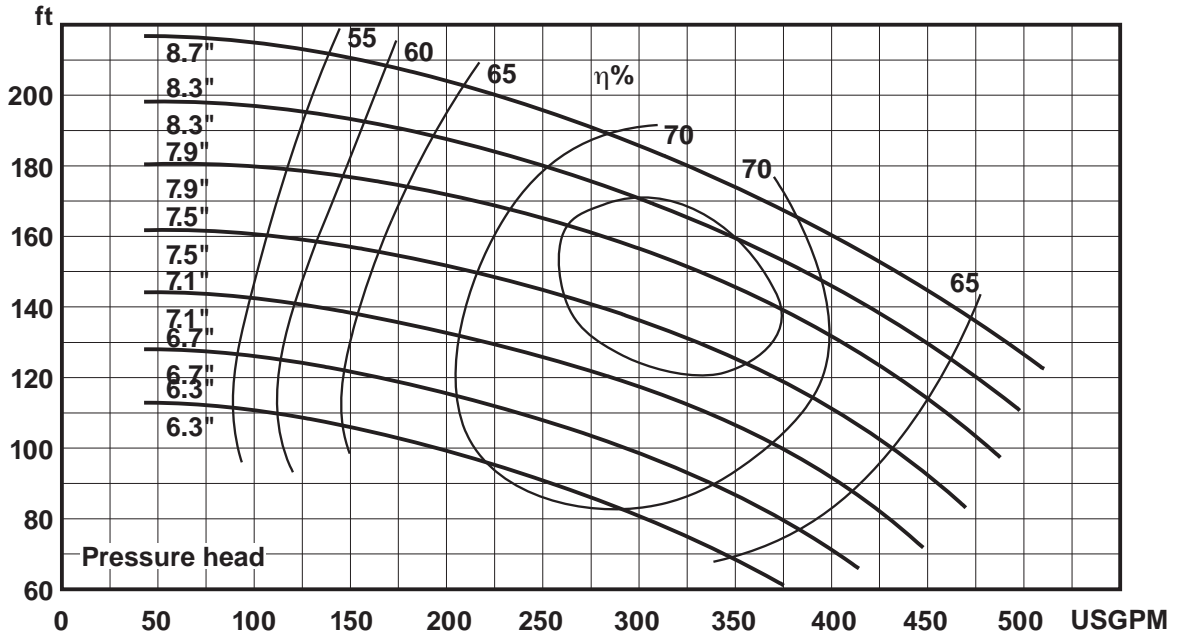




W+ SERIES MODEL W+55/60 CENTRIFUGAL PUMP CAPACITY CURVE
3" INLET - 2" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 8.7"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

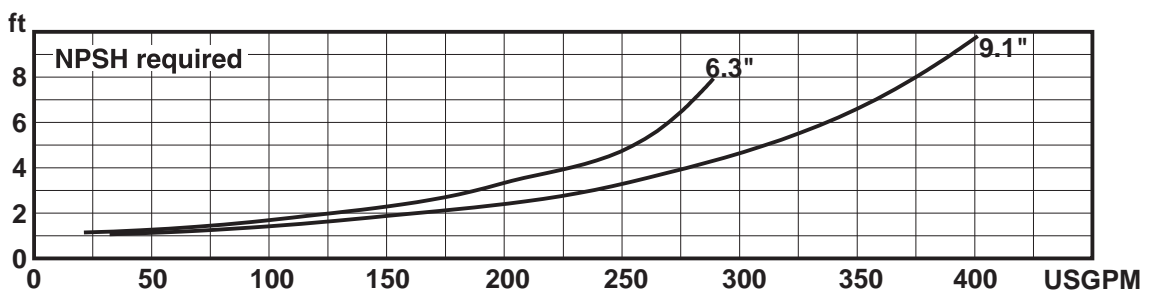
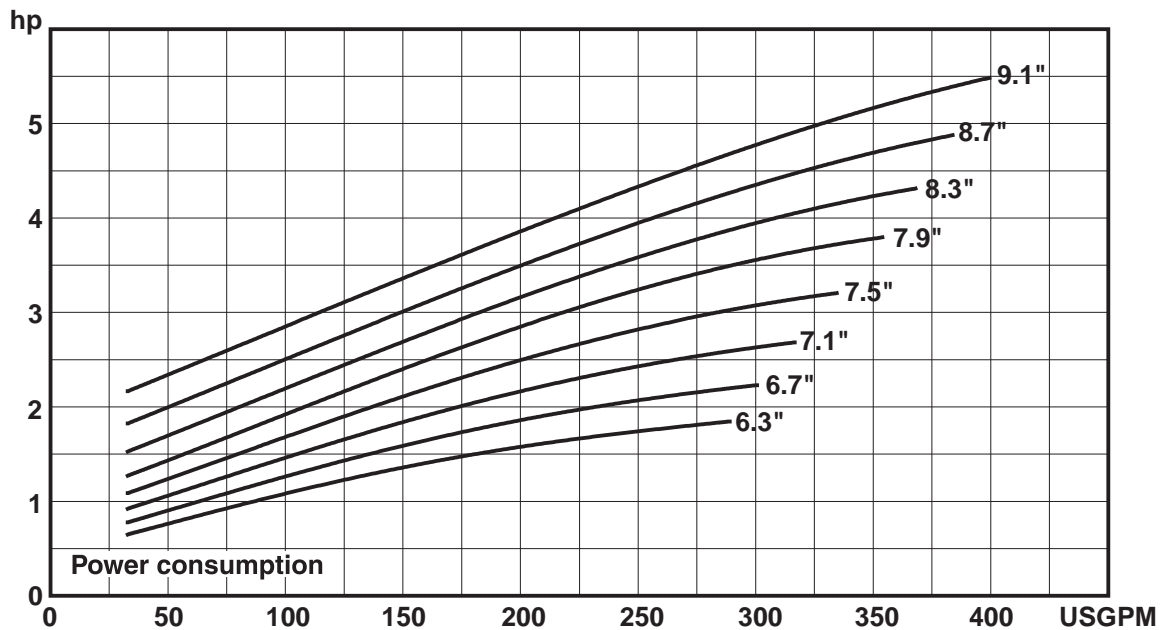
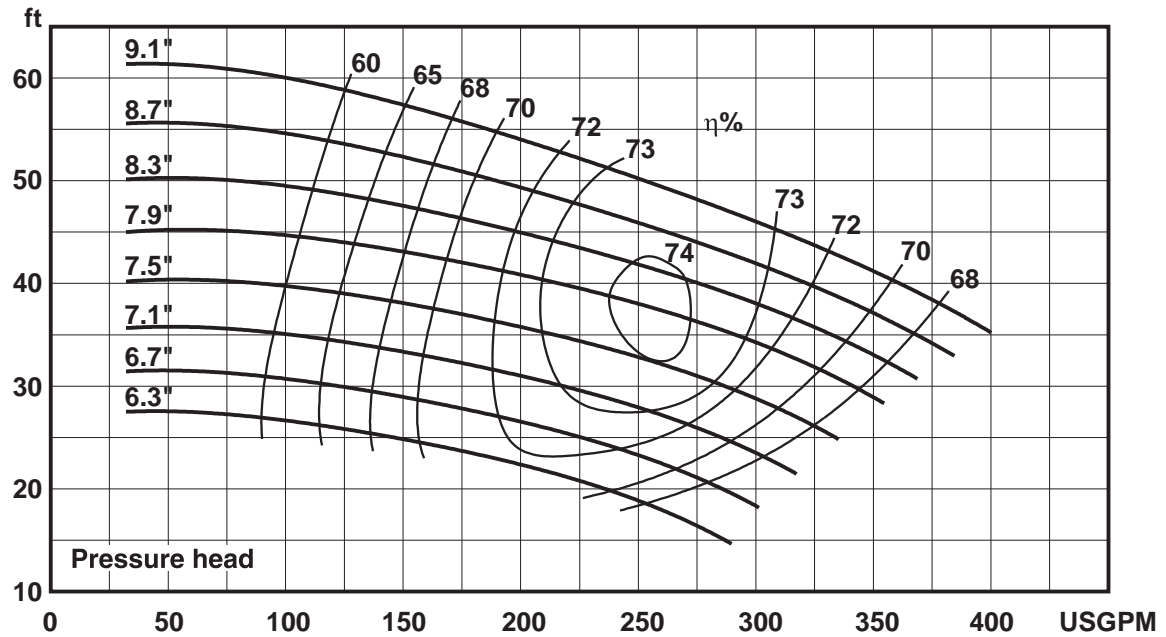




W+ SERIES MODEL W+60/110 CENTRIFUGAL PUMP CAPACITY CURVE
4" INLET - 3" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 9.1"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

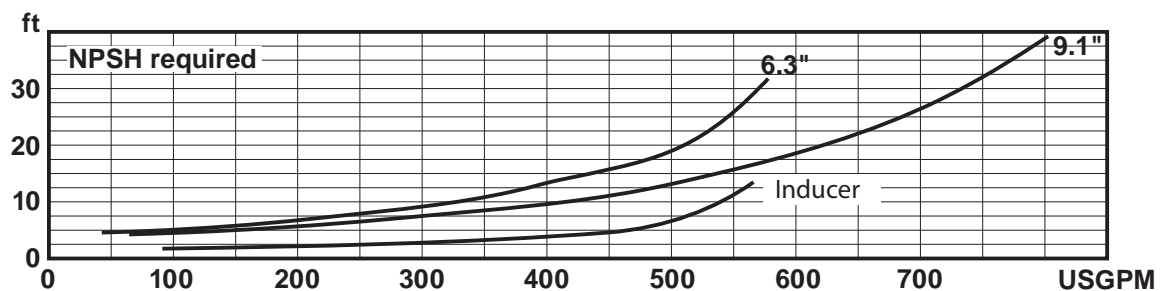
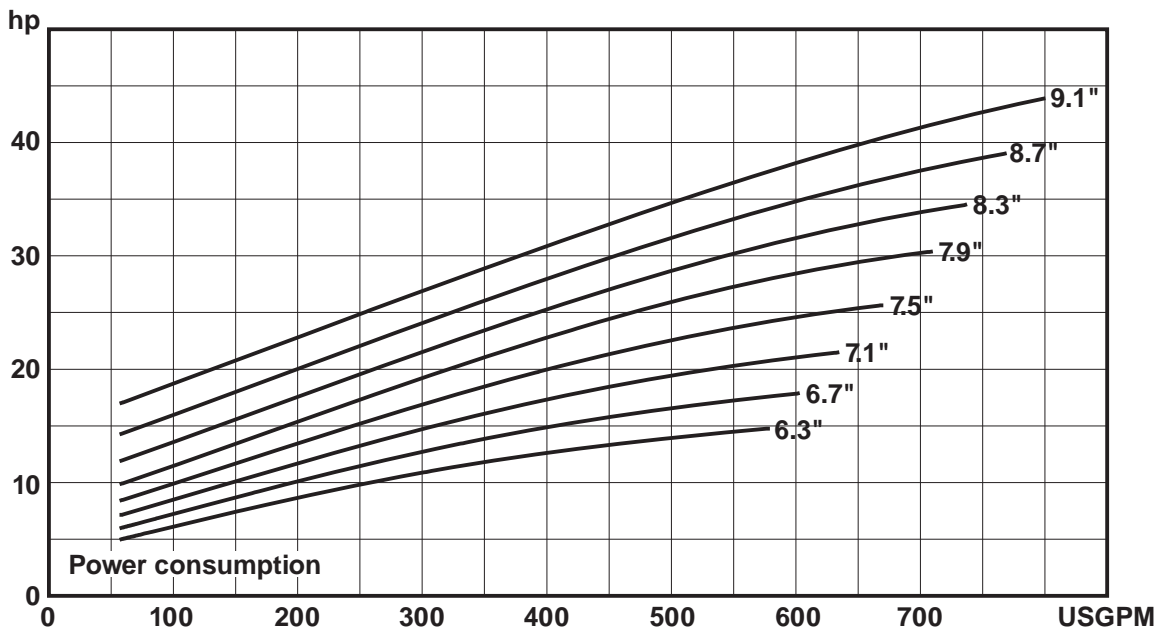
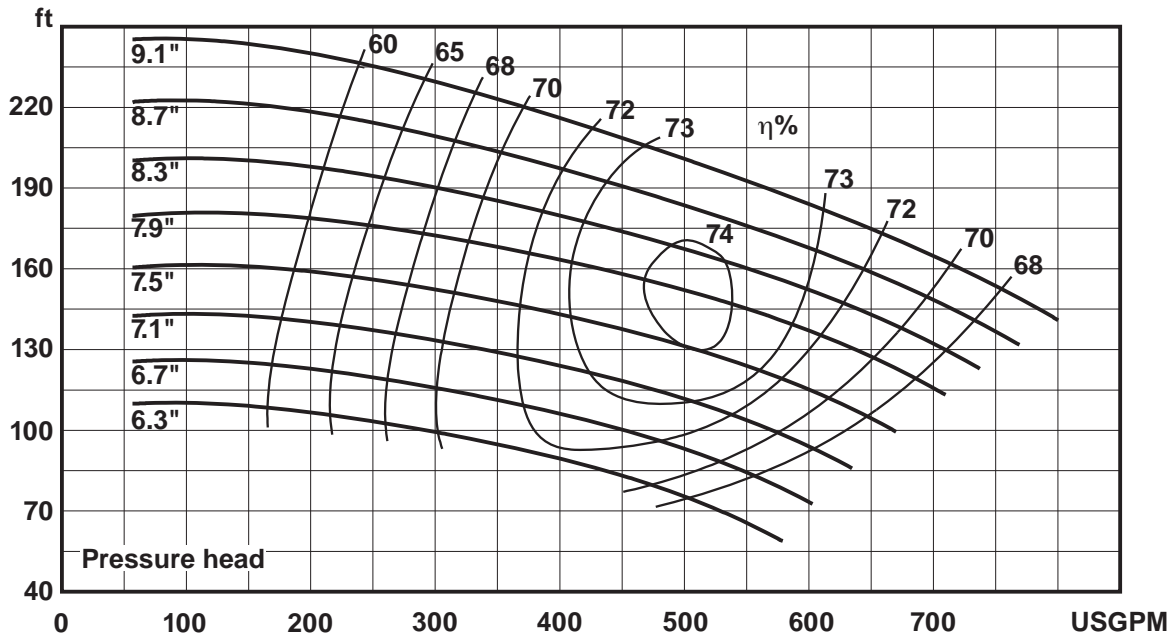




W+ SERIES MODEL W+60/110 CENTRIFUGAL PUMP CAPACITY CURVE
4" INLET - 3" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 9.1"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

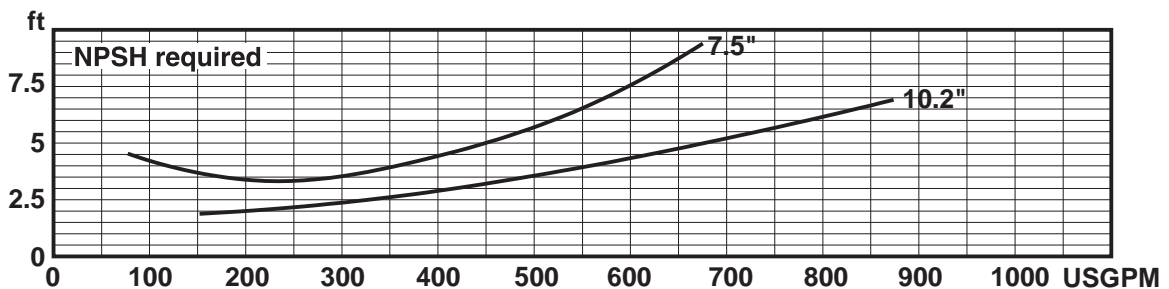
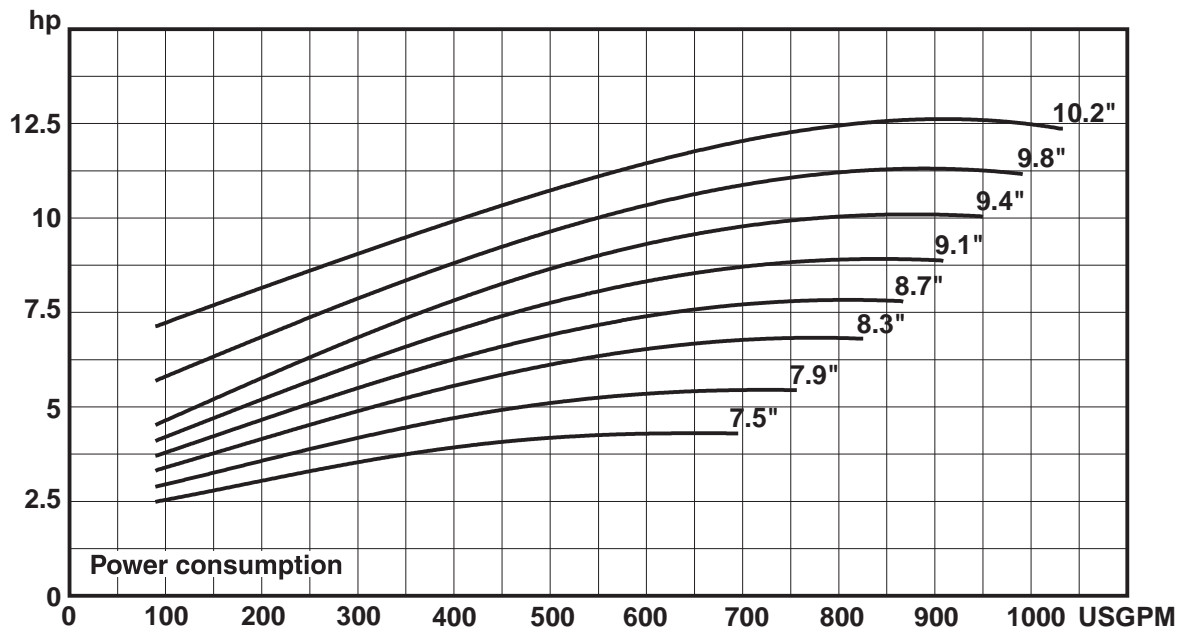
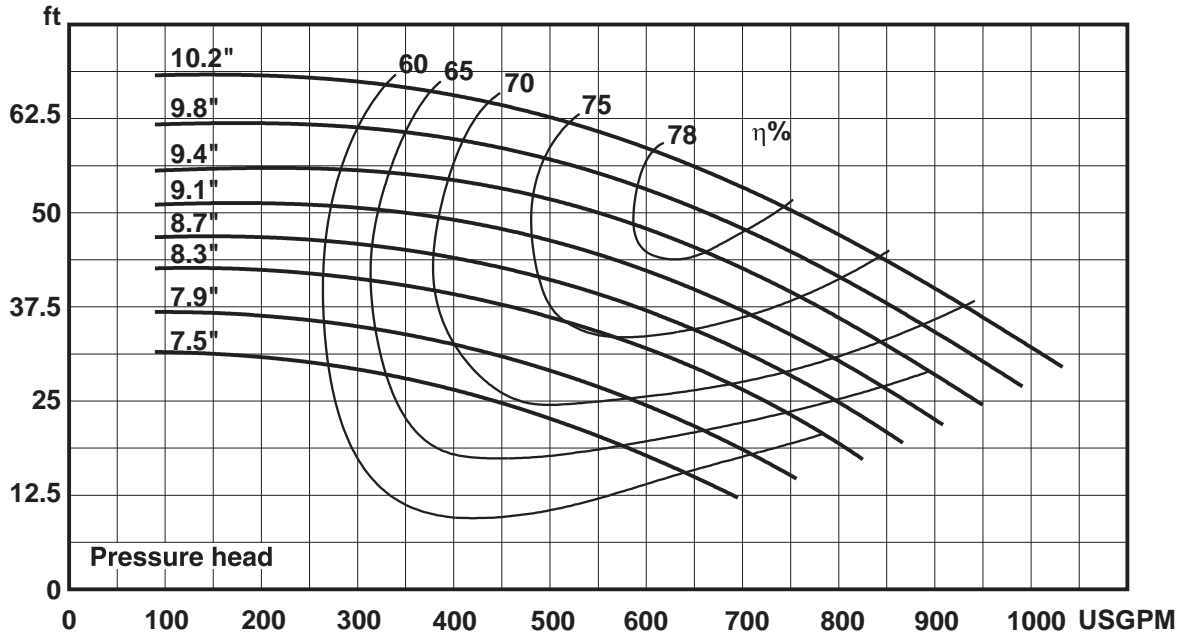




W+ SERIES MODEL W+65/350 CENTRIFUGAL PUMP CAPACITY CURVE
6" INLET - 4" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 10.2"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

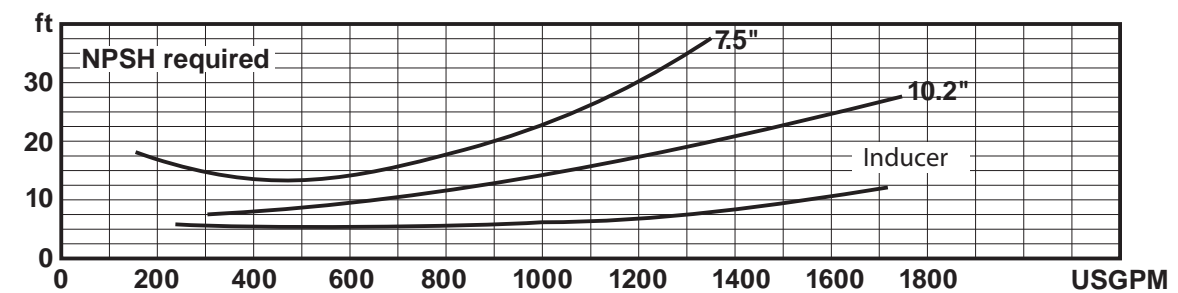
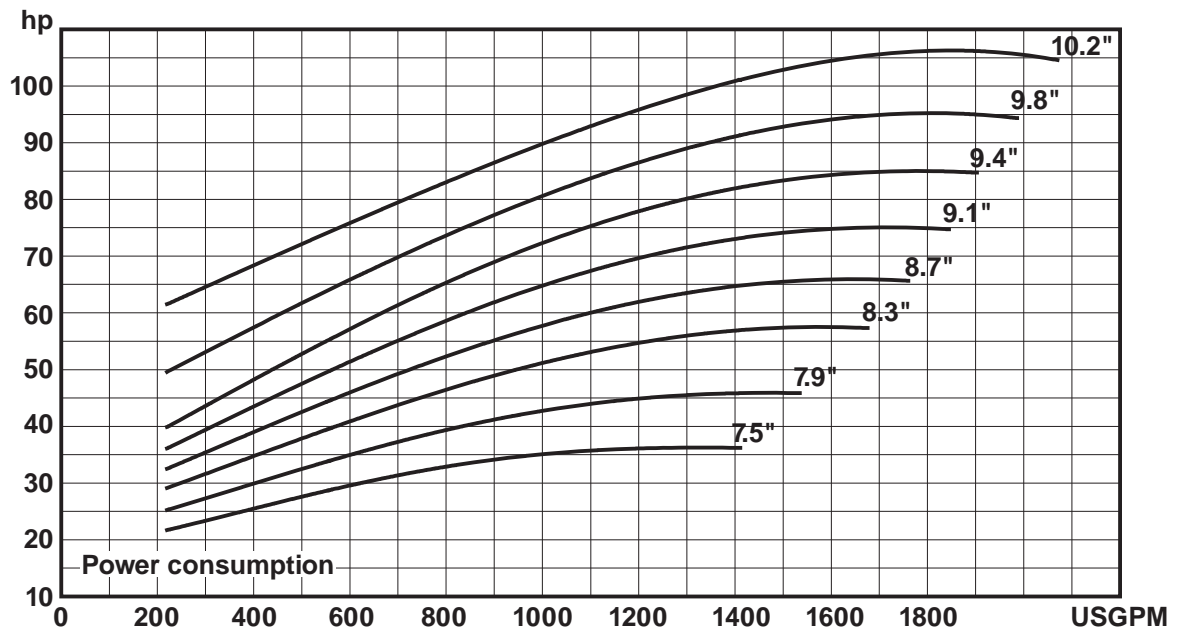
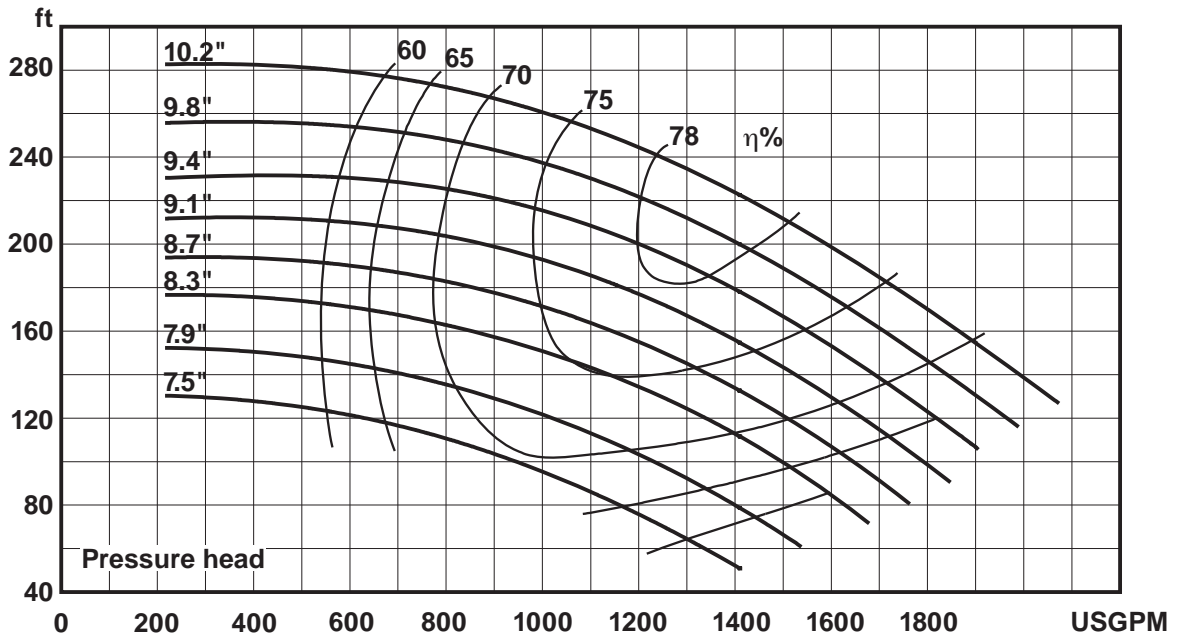




W+ SERIES MODEL W+65/350 CENTRIFUGAL PUMP CAPACITY CURVE 6" INLET - 4" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

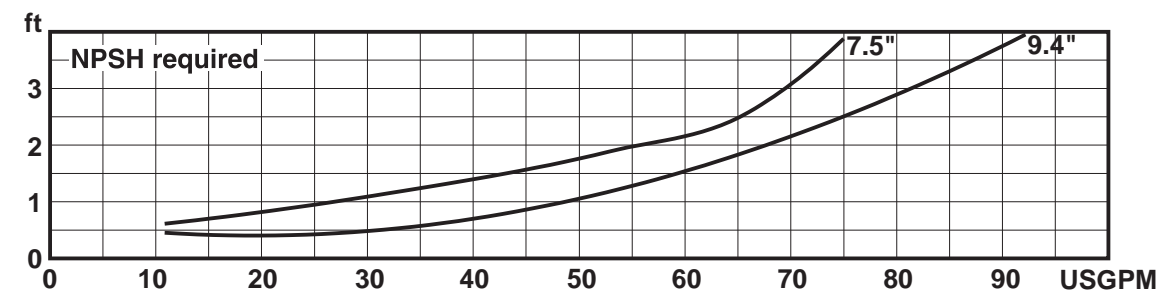
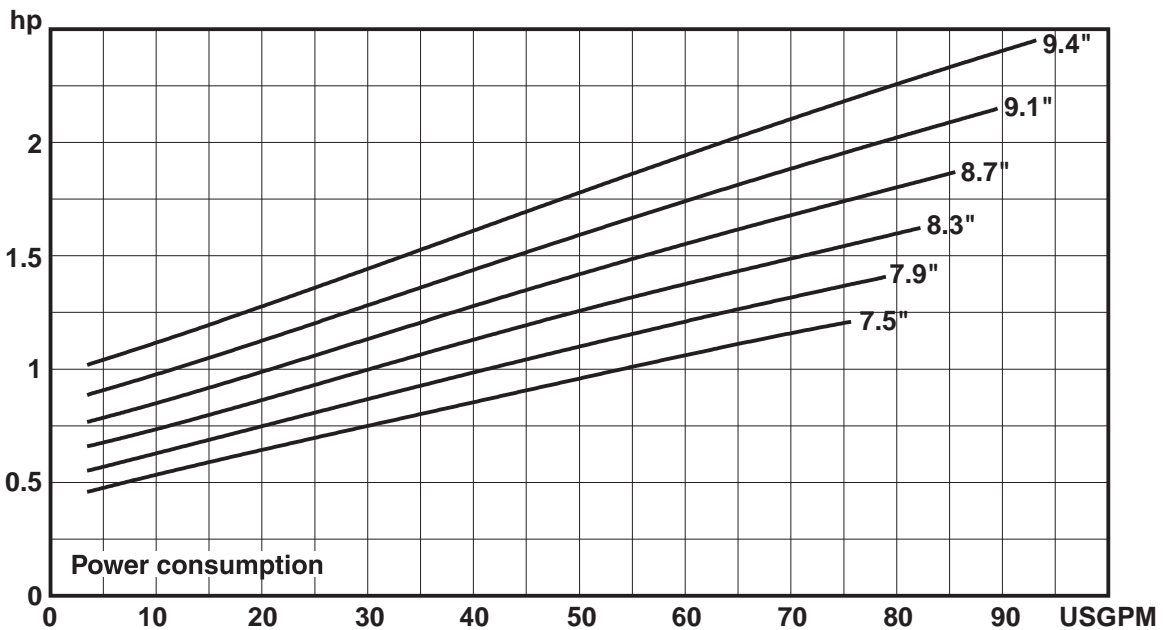
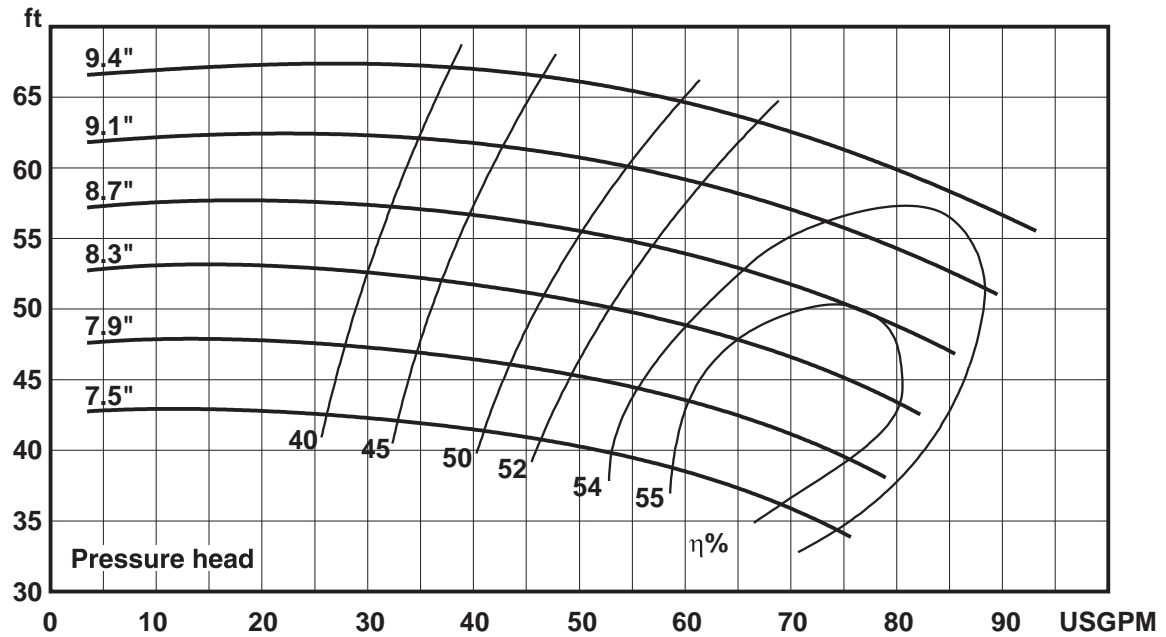
Impeller dia: Max: 10.2"
Performance data refer to water at 68°F
Permissible tolerance ± 5%



W+ SERIES MODEL W+70/40 CENTRIFUGAL PUMP CAPACITY CURVE
2.5" INLET - 1.5" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 9.4"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

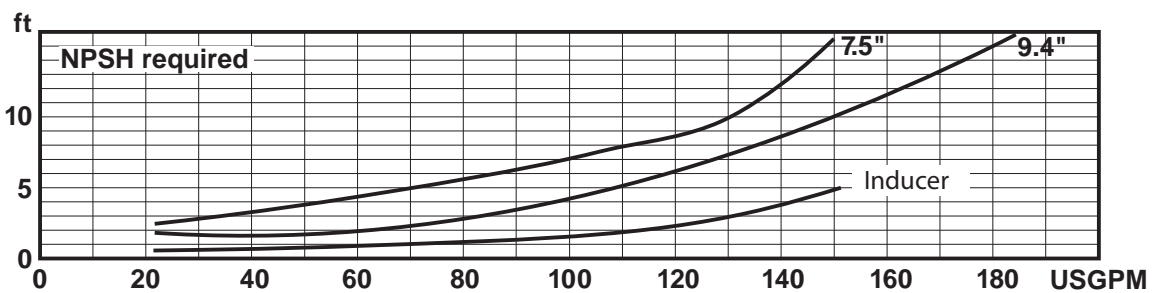
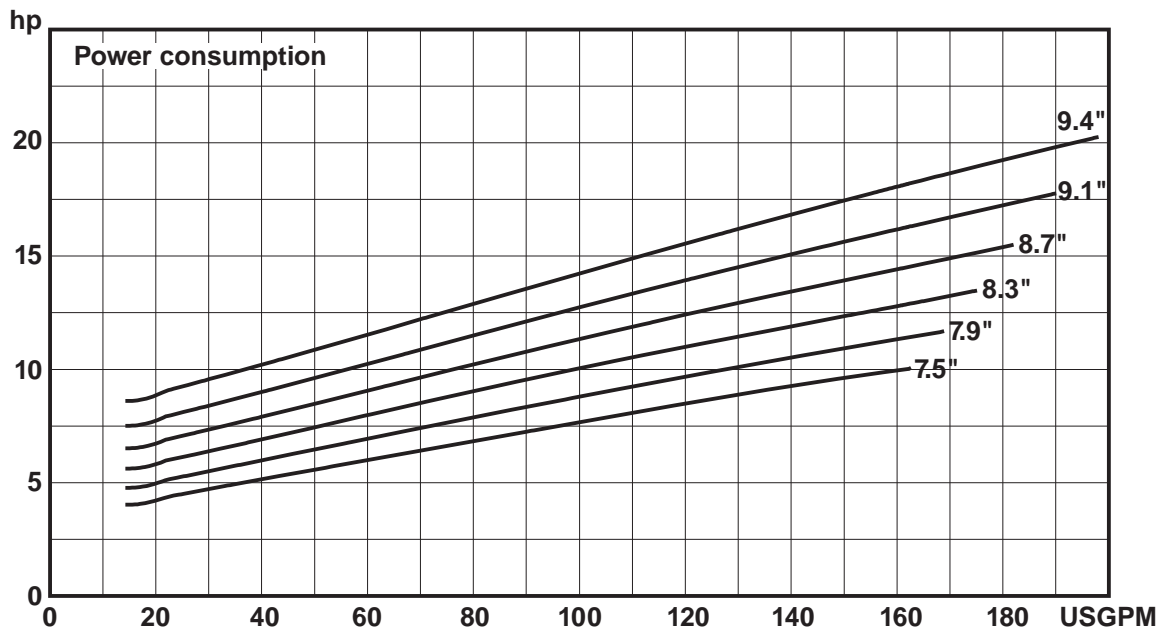
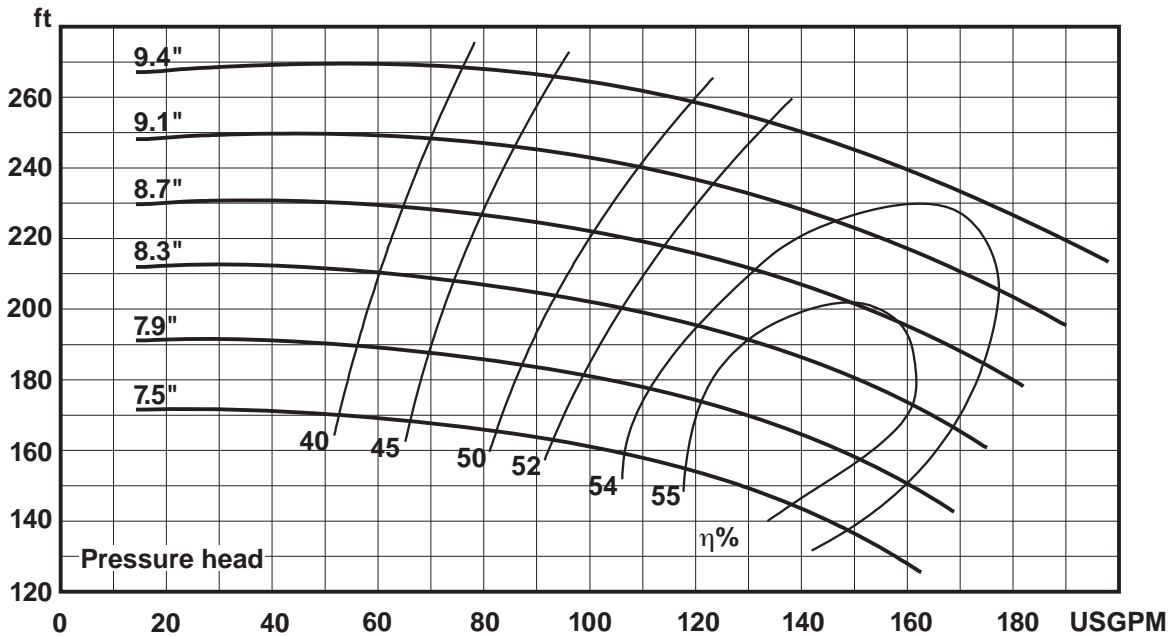




W+ SERIES MODEL W+70/40 CENTRIFUGAL PUMP CAPACITY CURVE
2.5" INLET - 1.5" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 9.4"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

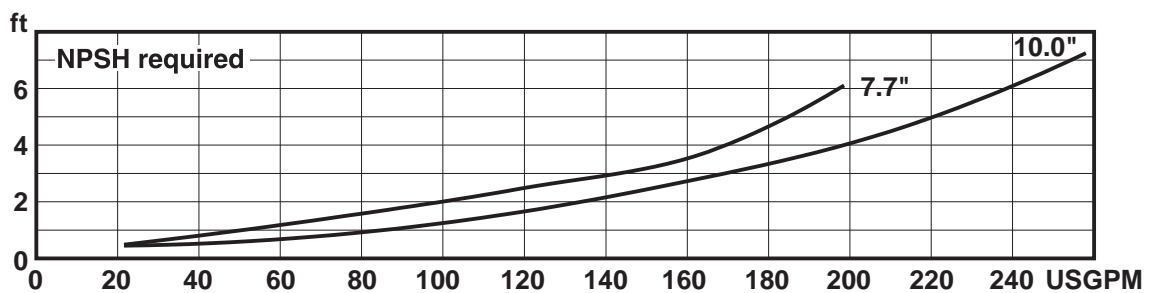
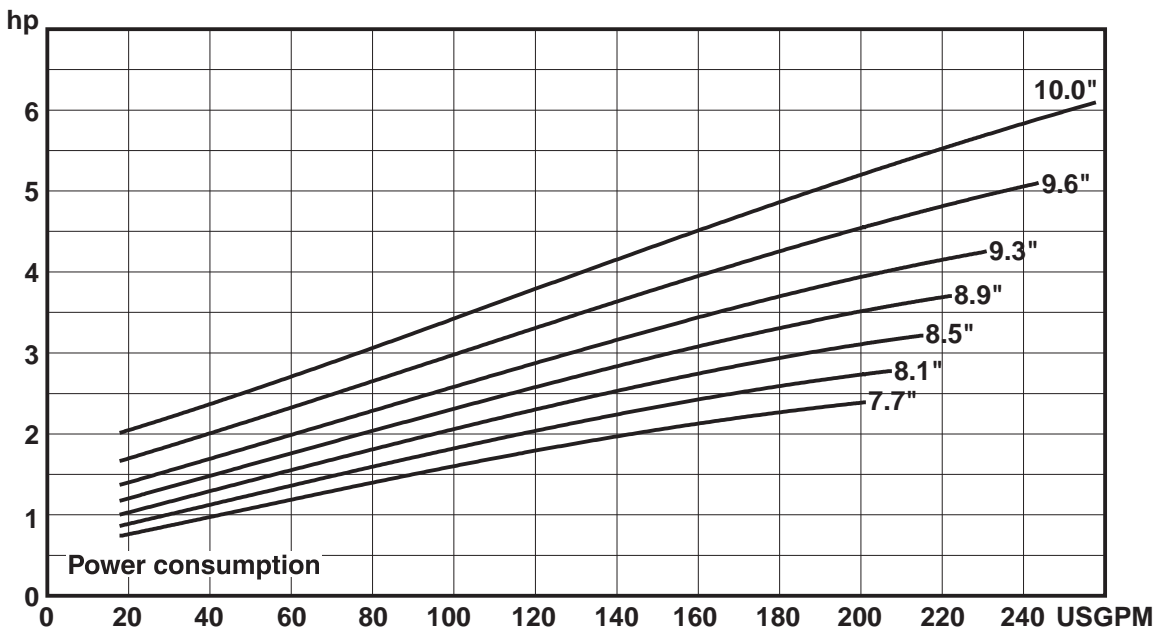
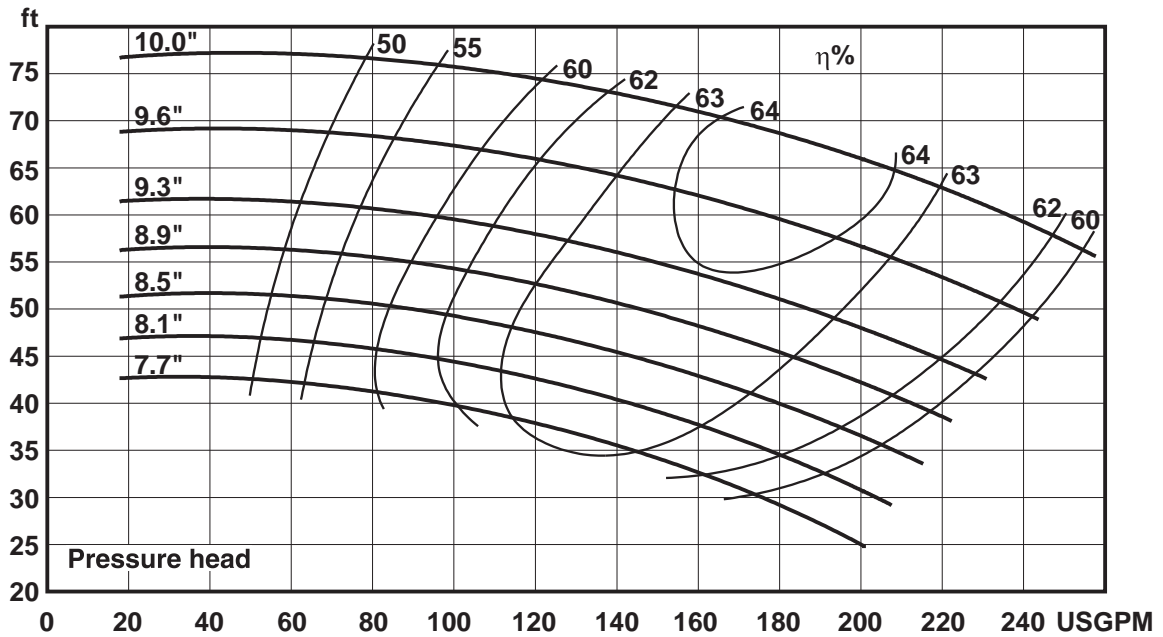




W+ SERIES MODEL W+80/80 CENTRIFUGAL PUMP CAPACITY CURVE
3" INLET - 2" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 10.0"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

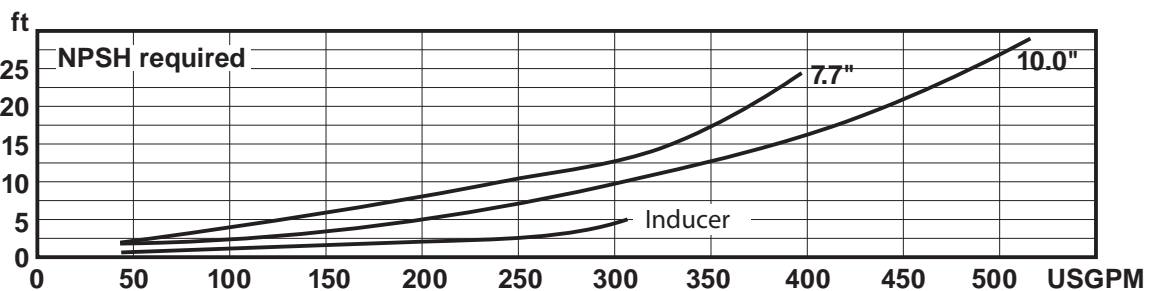
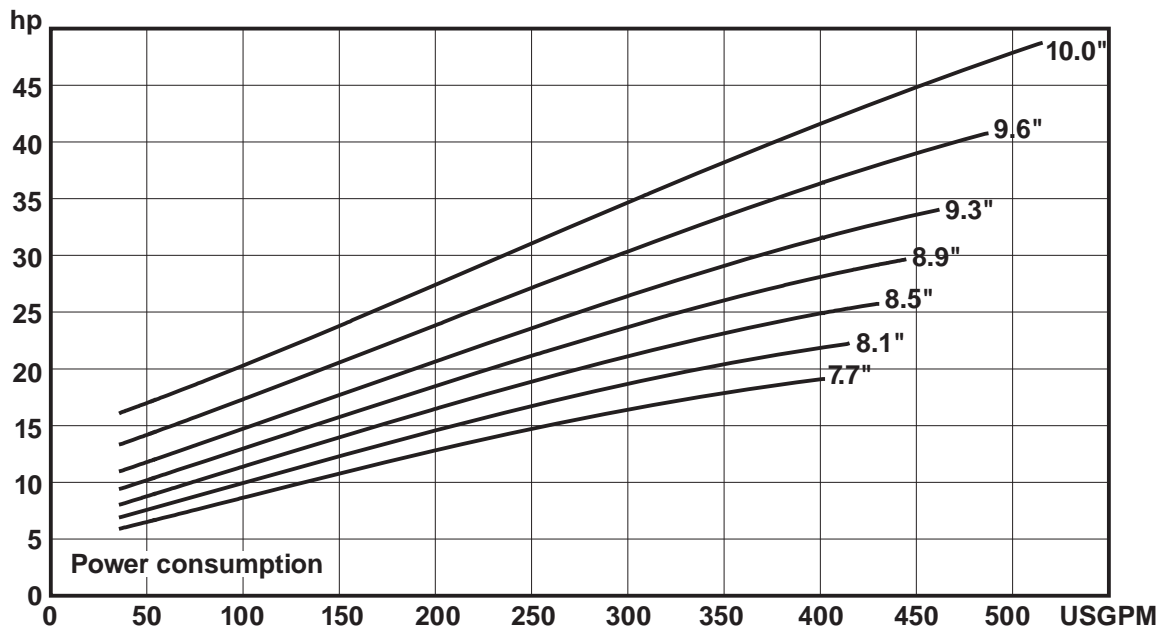
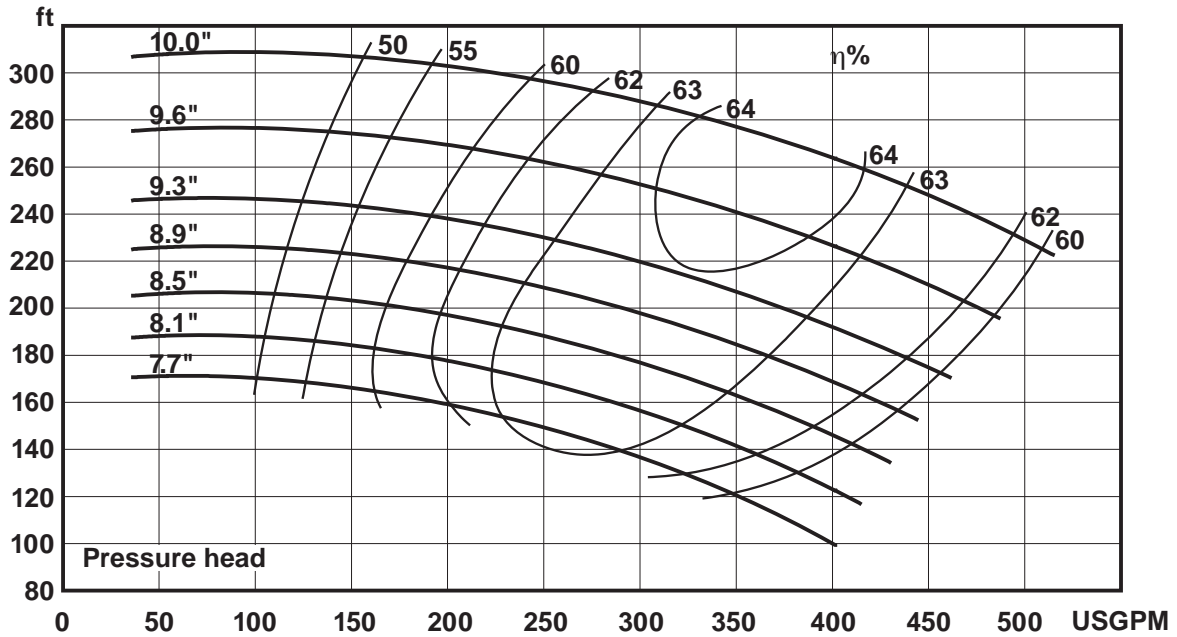




W+ SERIES MODEL W+80/80 CENTRIFUGAL PUMP CAPACITY CURVE
3" INLET - 2" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

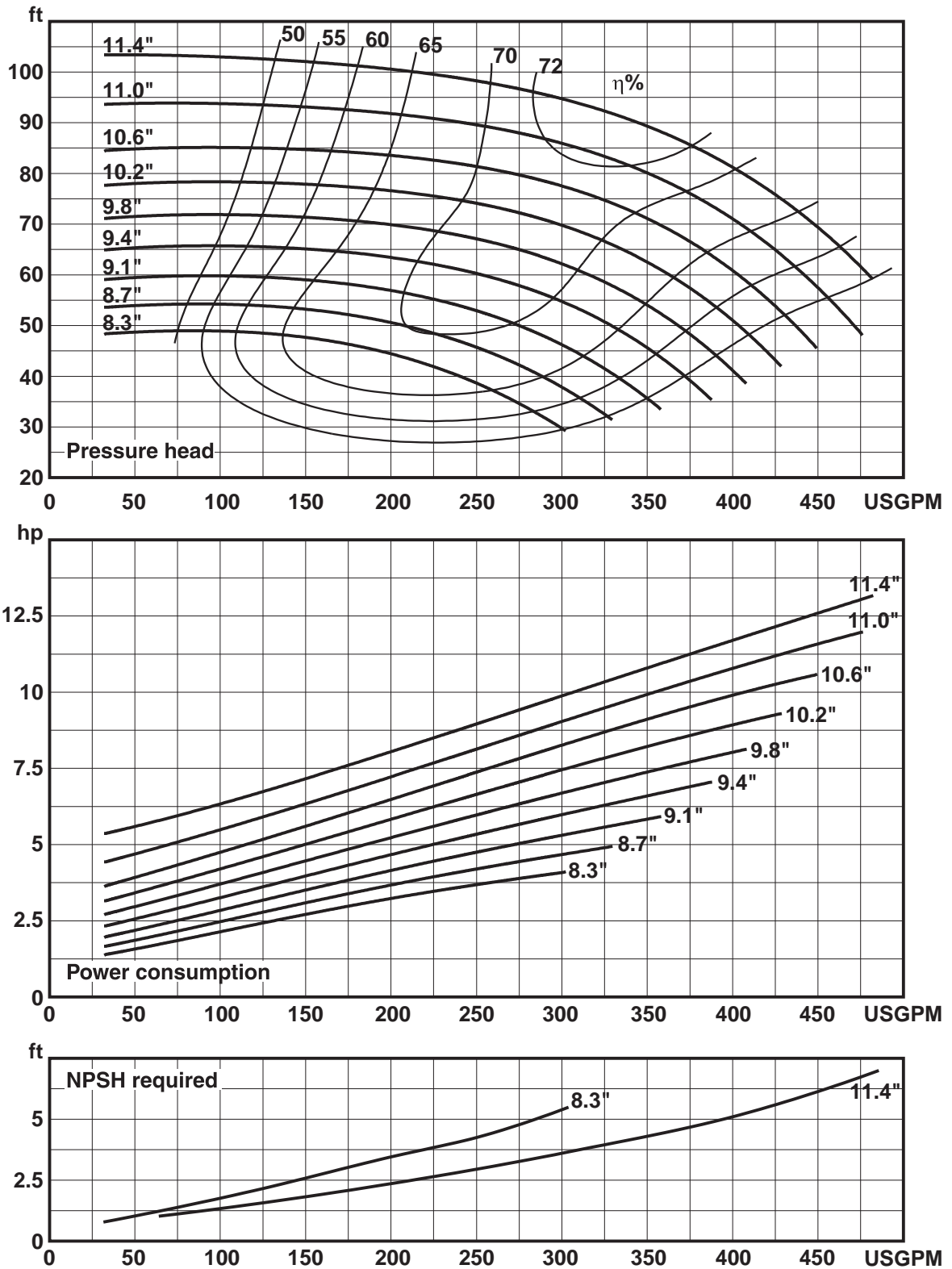
Impeller dia: Max: 10.0"
Performance data refer to water at 68°F
Permissible tolerance ± 5%



W+ SERIES MODEL W+110/130 CENTRIFUGAL PUMP CAPACITY CURVE
4" INLET - 3" OUTLET, 1450 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 11.4"
Performance data refer to water at 68°F
Permissible tolerance ± 5%

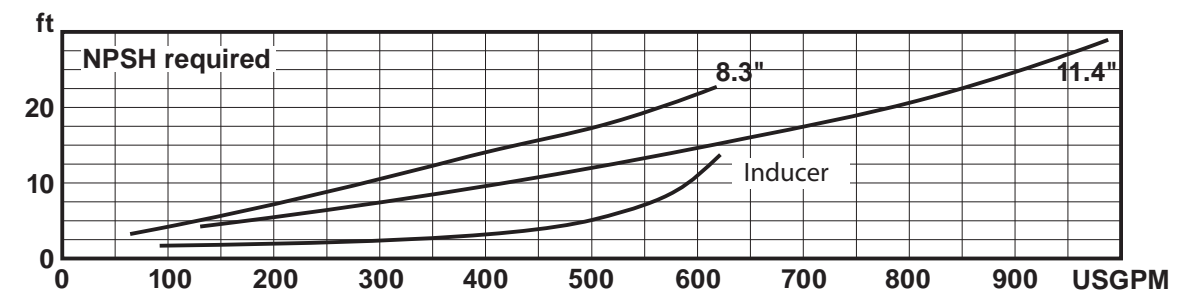
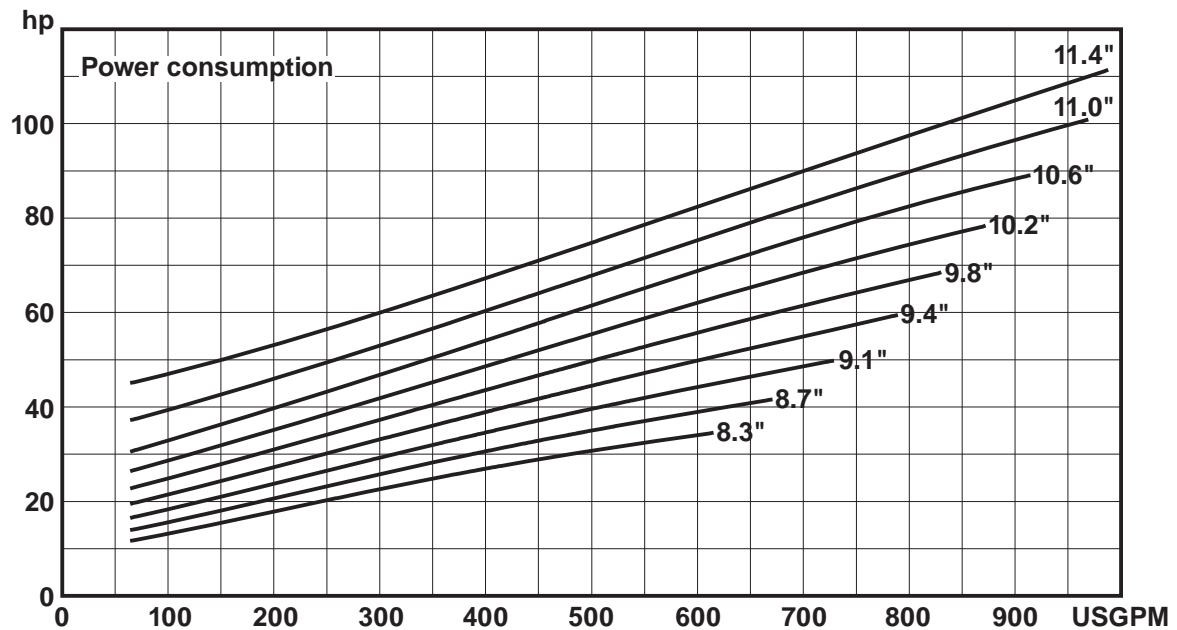
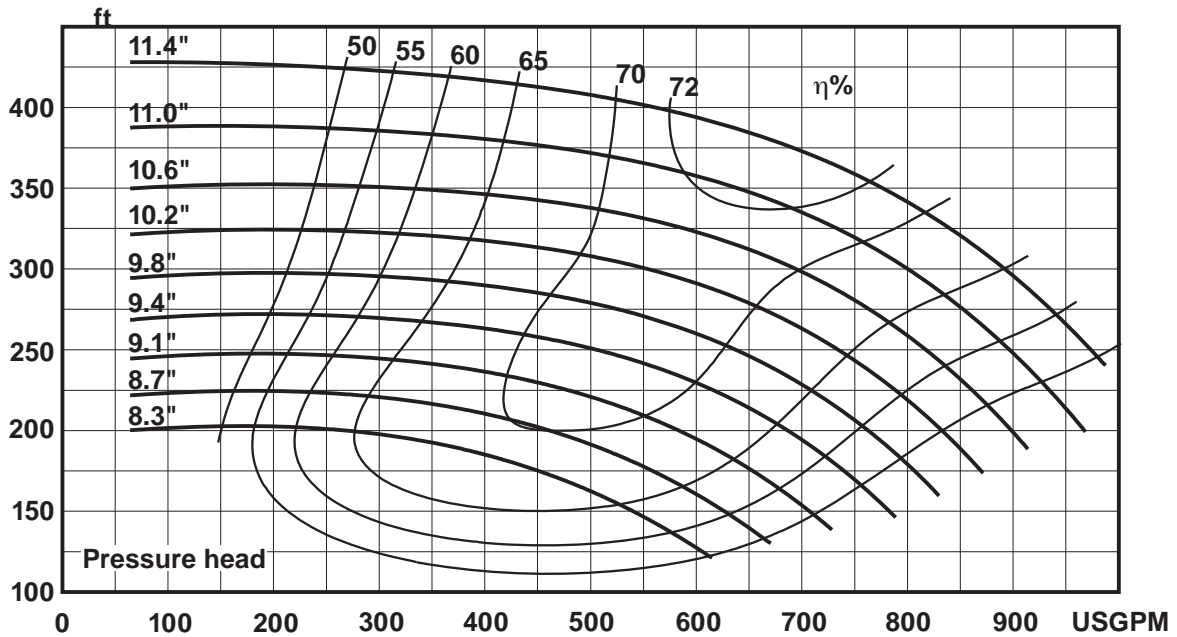




W+ SERIES MODEL W+110/130 CENTRIFUGAL PUMP CAPACITY CURVE
4" INLET - 3" OUTLET, 2900 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 11.4"
 Performance data refer to water at 68°F
 Permissible tolerance ± 5%

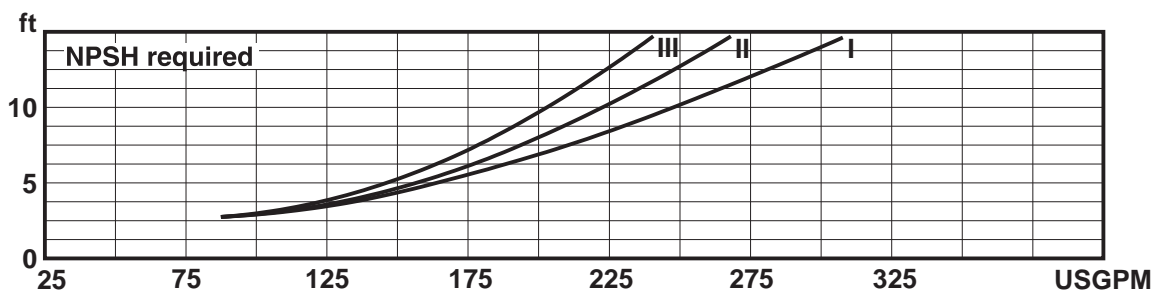
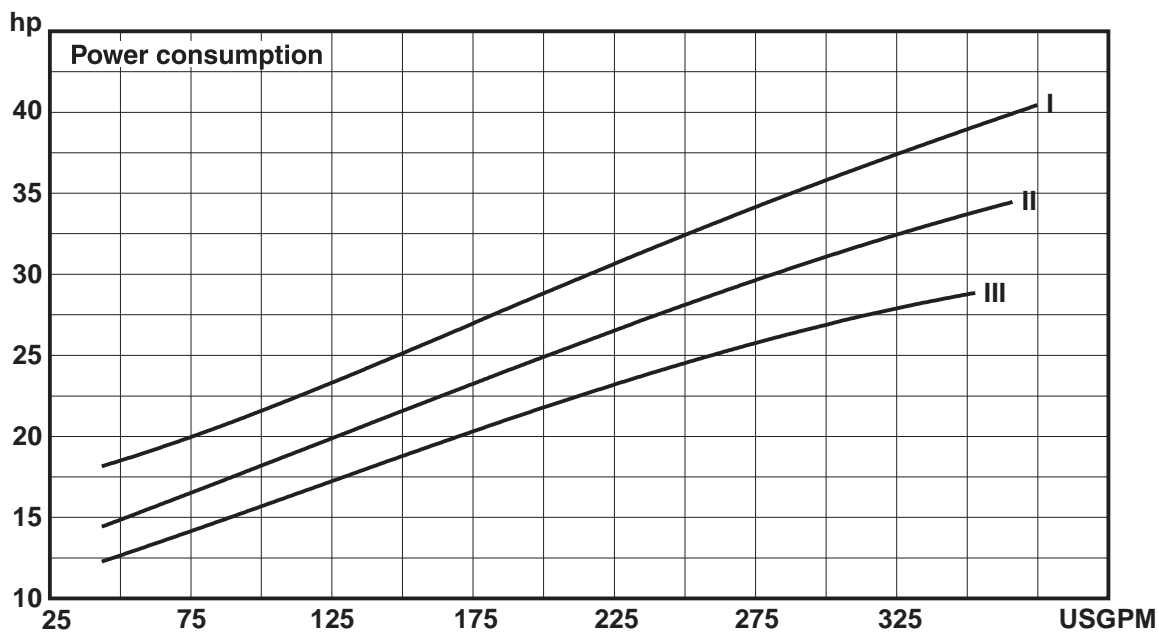
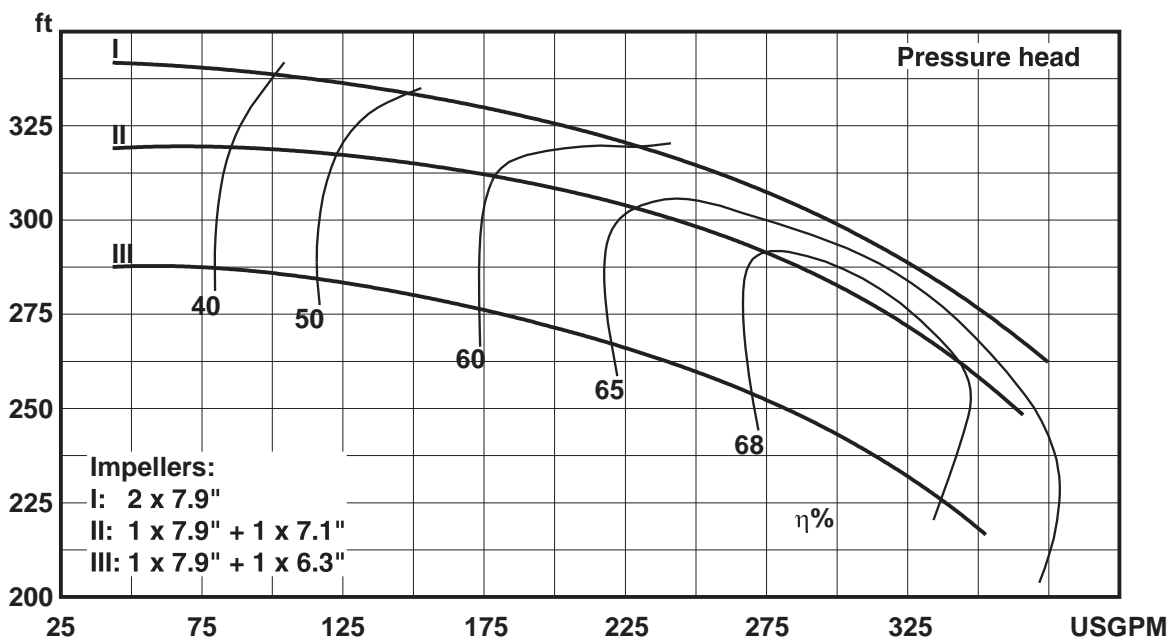




W+ SERIES MODEL W+140/50 2-STAGES CENTRIFUGAL PUMP CAPACITY CURVE
3" INLET - 2" OUTLET, 2950 RPM, 50 Hz

NOTE: _____

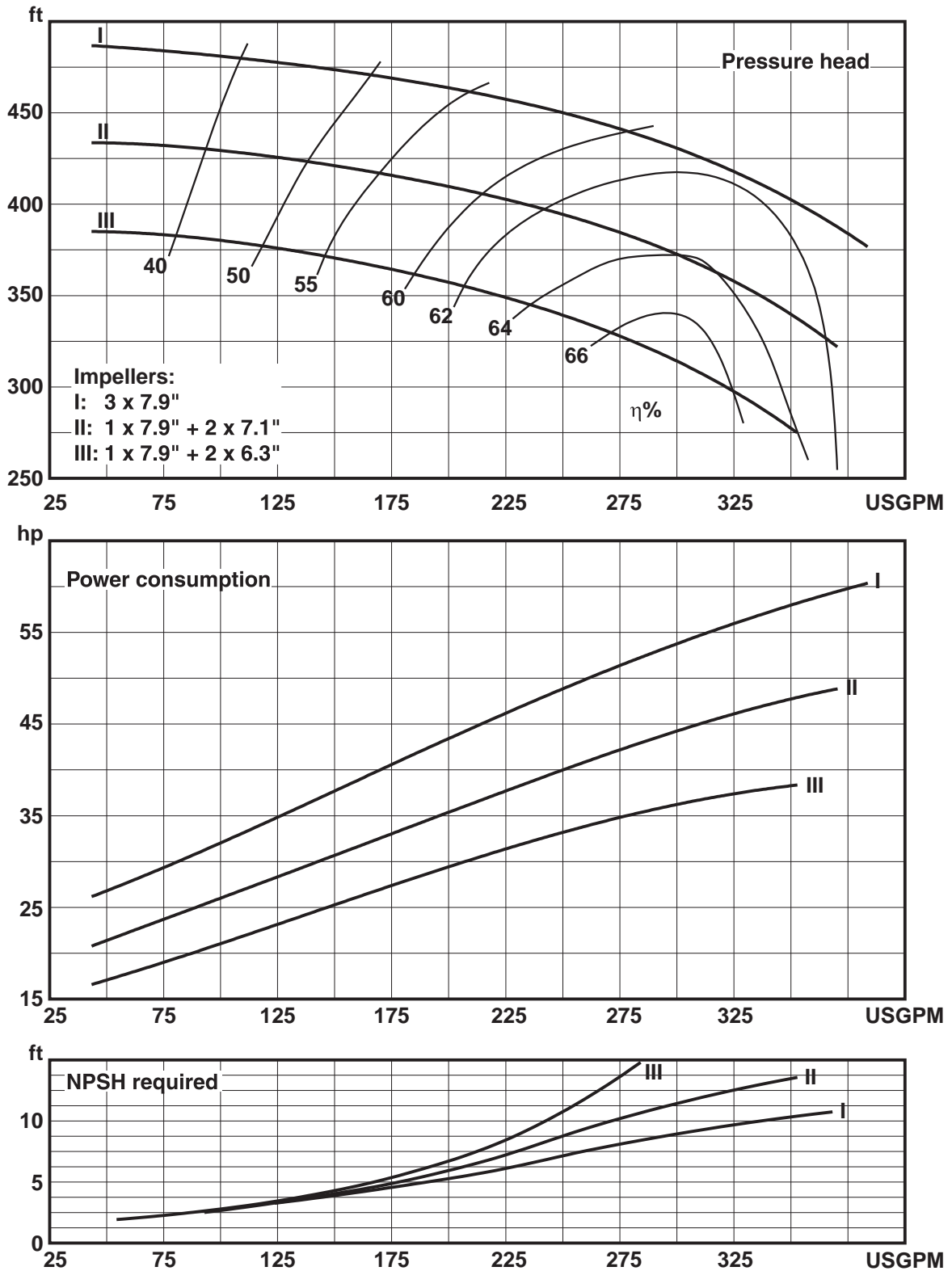
Impeller dia: Max: 7.9"
 Performance data refer to water at 68°F
 Permissible tolerance ± 5%



W+ SERIES MODEL W+140/50 3-STAGES CENTRIFUGAL PUMP CAPACITY CURVE 3" INLET - 2" OUTLET, 2950 RPM, 50 Hz

NOTE: _____

Impeller dia: Max: 7.9"
Performance data refer to water at 68°F
Permissible tolerance $\pm 5\%$





Your local contact:



SPX Flow Technology
Phone: (888) 278-4321
Email: answers.us@apv.com

For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.apv.com.

SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

Issued: 06/2010 7019-01-06-2010-US

Copyright © 2010 SPX Corporation



Global Headquarters
13515 Ballantyne Corporate Place
Charlotte, North Carolina 28277
United States

Where Ideas Meet Industry

Where Ideas Meet Industry

www.spx.com