

# ULTRACHEM<sup>®</sup> SERIES CURVE BOOK

CATALOG ID #FT01-835D, Rev. 11



**FINISH THOMPSON INC.**

# TABLE OF CONTENTS

## Model UC1516

3500 rpm, 60 Hz, 1-1/2" x 1"	4
1750 rpm, 60 Hz, 1-1/2" x 1"	5
2900 rpm, 50 Hz, 1-1/2" x 1"	6
1450 rpm, 50 Hz, 1-1/2" x 1"	7

## Model UC1516L

3500 rpm, 60 Hz, 1-1/2" x 1"	8
1750 rpm, 60 Hz, 1-1/2" x 1"	9
2900 rpm, 50 Hz, 1-1/2" x 1"	10
1450 rpm, 50 Hz, 1-1/2" x 1"	11

## Model UC1518

3500 rpm, 60 Hz, 1-1/2" x 1"	12
1750 rpm, 60 Hz, 1-1/2" x 1"	13
2900 rpm, 50 Hz, 1-1/2" x 1"	14
1450 rpm, 50 Hz, 1-1/2" x 1"	15

## Model UC1518L

3500 rpm, 60 Hz, 1-1/2" x 1"	16
1750 rpm, 60 Hz, 1-1/2" x 1"	17
2900 rpm, 50 Hz, 1-1/2" x 1"	18
1450 rpm, 50 Hz, 1-1/2" x 1"	19

## Model UC2110

1750 rpm, 60 Hz, 2" x 1"	20
1450 rpm, 50 Hz, 2" x 1"	21

## Model UC326/326H

3500 rpm, 60 Hz, 3" x 2"	22
1750 rpm, 60 Hz, 3" x 2"	23
2900 rpm, 50 Hz, 3" x 2"	24
1450 rpm, 50 Hz, 3" x 2"	25

## Model UC328

3500 rpm, 60 Hz, 3" x 2"	26
1750 rpm, 60 Hz, 3" x 2"	27
2900 rpm, 50 Hz, 3" x 2"	28
1450 rpm, 50 Hz, 3" x 2"	29

## Model UC3158

3500 rpm, 60 Hz, 3" x 1-1/2"	30
1750 rpm, 60 Hz, 3" x 1-1/2"	31
2900 rpm, 50 Hz, 3" x 1-1/2"	32
1450 rpm, 50 Hz, 3" x 1-1/2"	33

## Model UC436

3500 rpm, 60 Hz, 4" x 3"	34
1750 rpm, 60 Hz, 4" x 3"	35
2900 rpm, 50 Hz, 4" x 3"	36
1450 rpm, 50 Hz, 4" x 3"	37

Model UC438

3500 rpm, 60 Hz, 4" x 3"	38
1750 rpm, 60 Hz, 4" x 3"	39
2900 rpm, 50 Hz, 4" x 3"	40
1450 rpm, 50 Hz, 4" x 3"	41

Model UC4310H

1750 rpm, 60 Hz, 4" x 3"	42
1450 rpm, 50 Hz, 4" x 3"	43

Model UC6410

1750 rpm, 60 Hz, 6" x 4"	44
1450 rpm, 50 Hz, 6" x 4"	45

Headquarters Information:

Finish Thompson Inc.  
921 Greengarden Road  
Erie, PA 16501 USA  
PH 814-455-4478  
FAX 814-455-8518  
EMAIL [fti@finishthompson.com](mailto:fti@finishthompson.com)

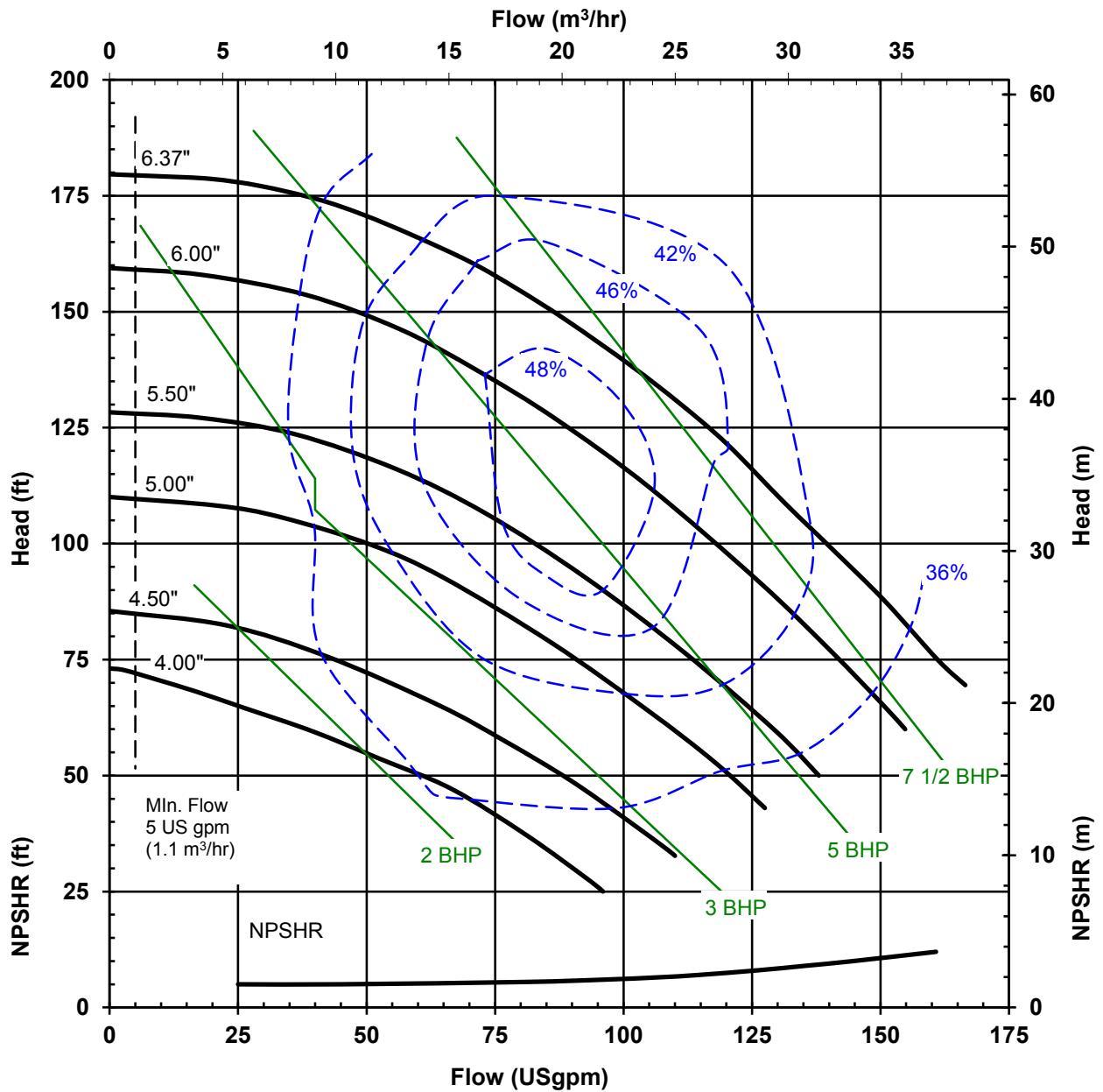
Europe Center Information:

Otto-Hahn-Strasse 16  
Maintal, D-63477 DEU  
P: +49 (0)6181-90878-0  
F: +49 (0)6181-90878-18  
EMAIL [europescenter@finishthompson.com](mailto:europescenter@finishthompson.com)



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1516**  
**3500 rpm, 60 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

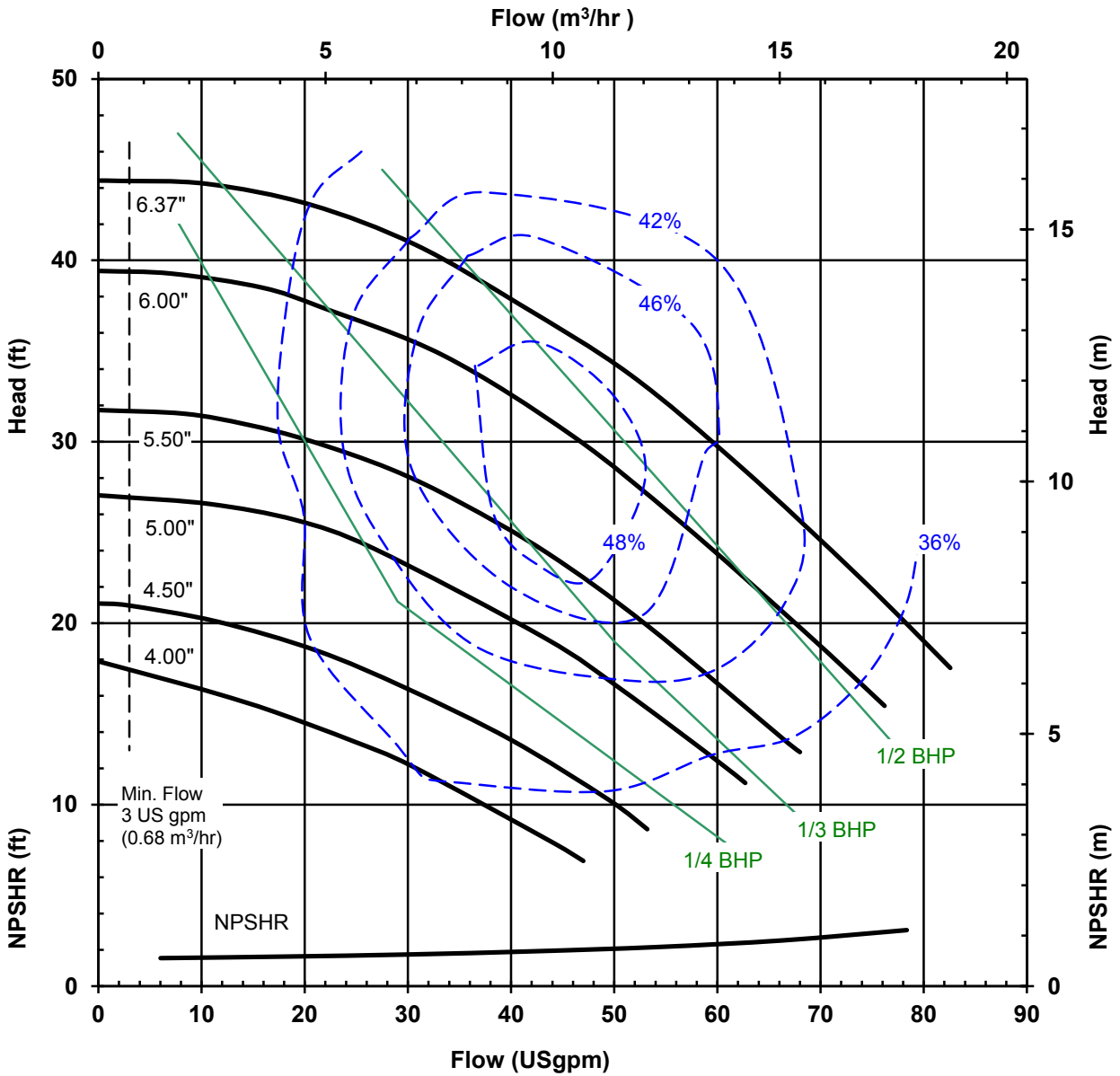


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1516**  
**1750 rpm, 60 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

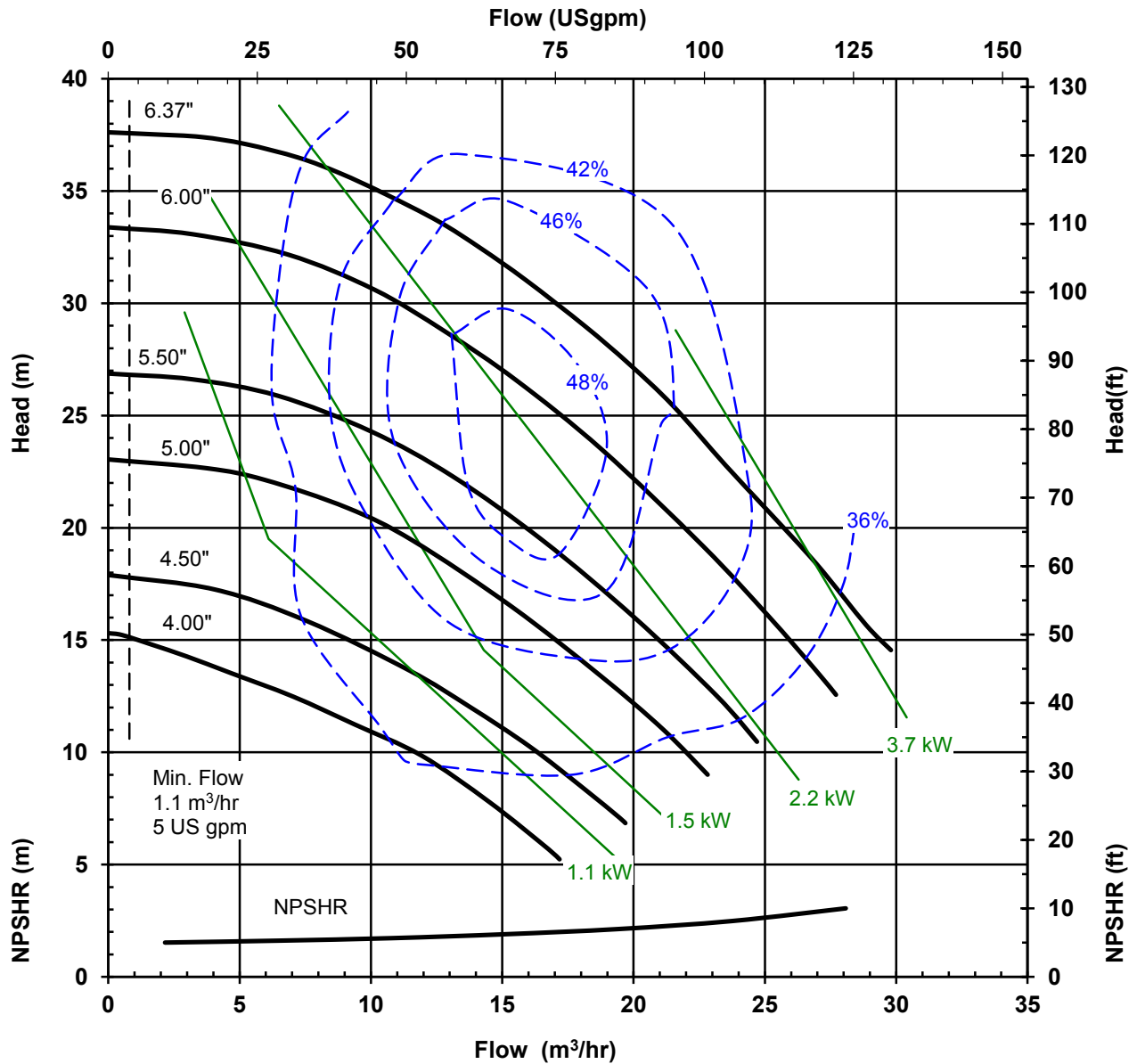


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1516**  
**2900 rpm, 50 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

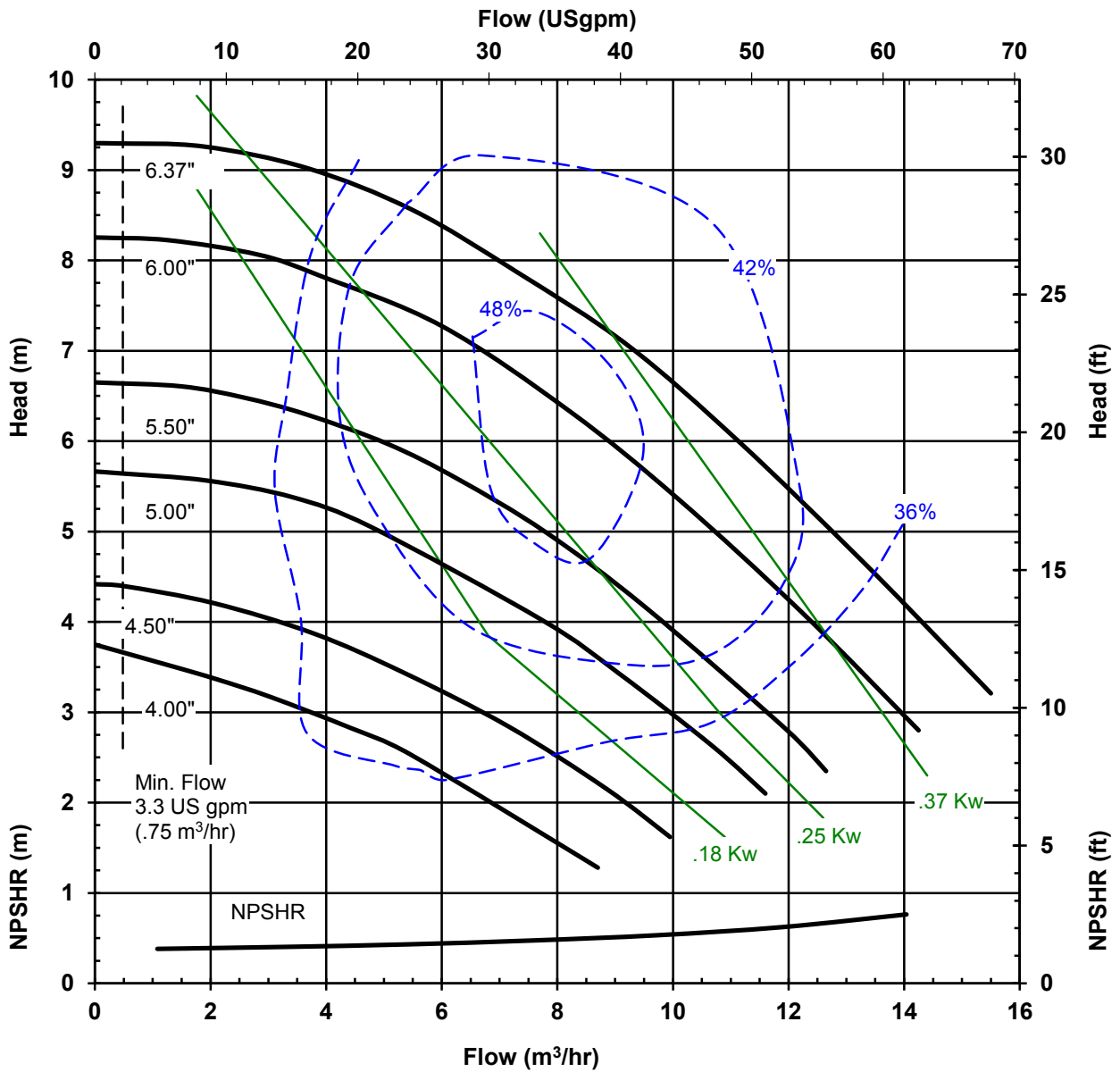


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1516**  
**1450 rpm, 50 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

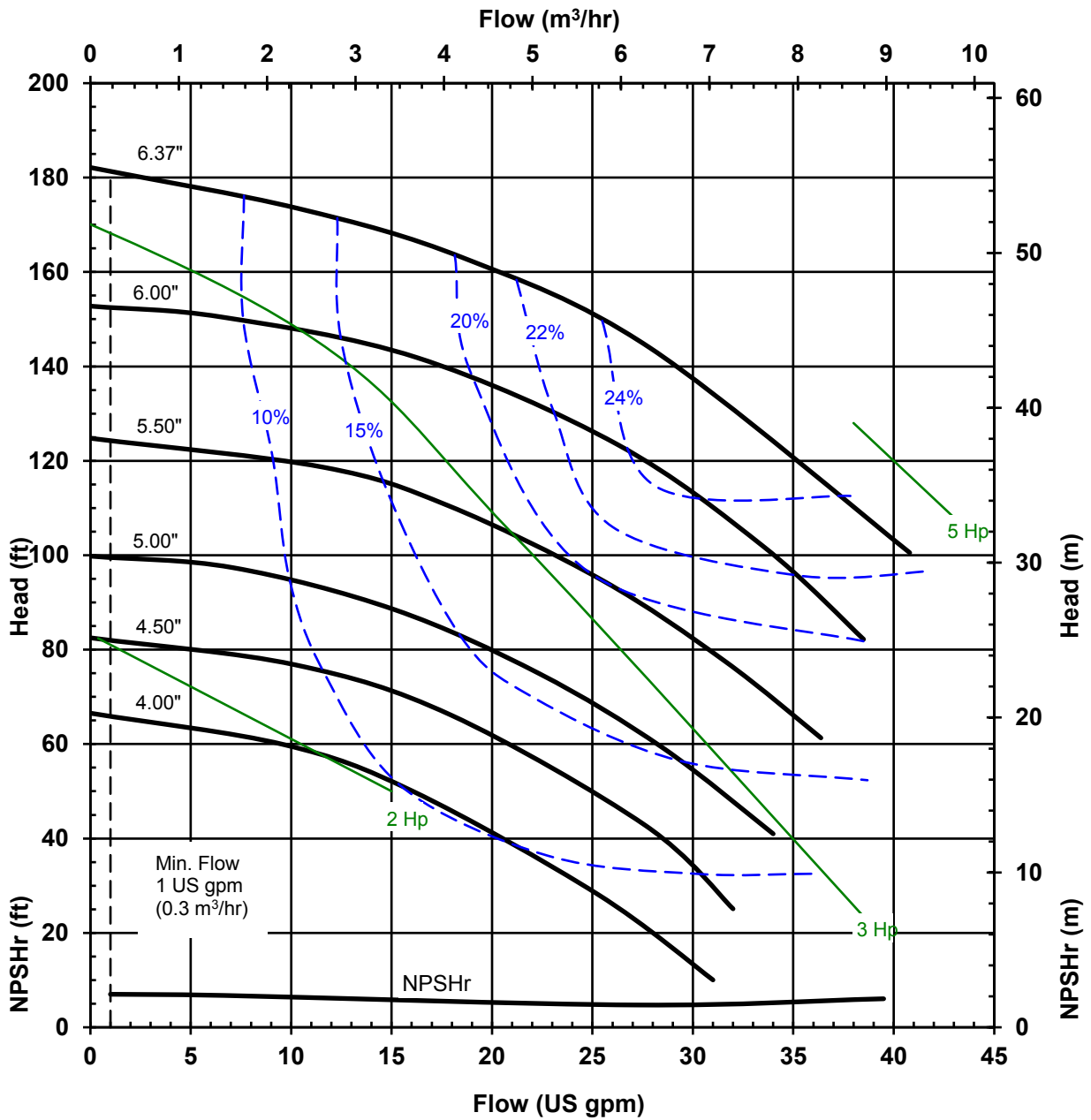


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1516L**  
**3500 rpm, 60 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**



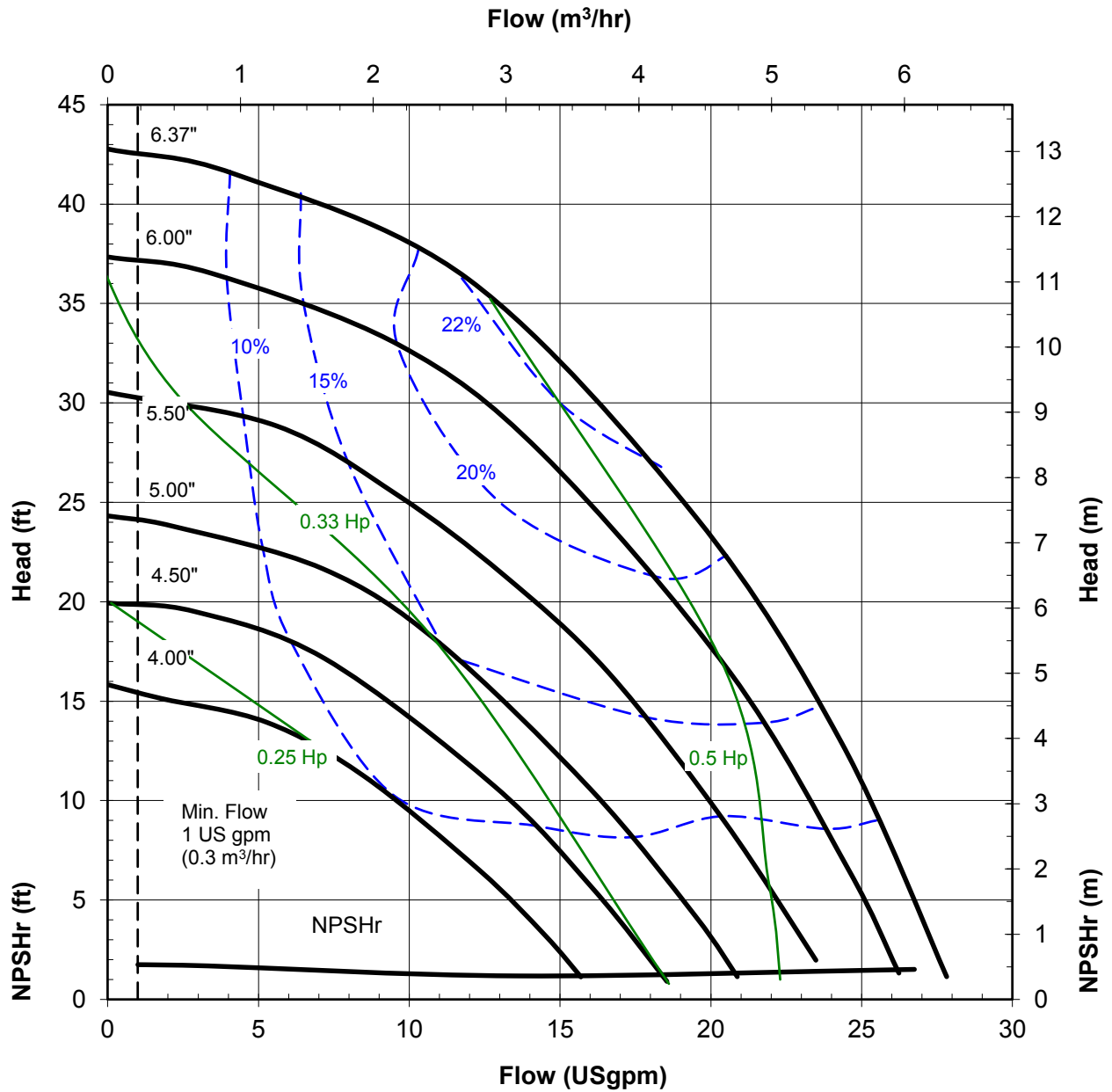
Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.





**UC SERIES  
STANDARD HORIZONTAL  
PERFORMANCE CURVE**

**MODEL: UC1516L  
1750 rpm, 60 Hz  
Suction: 1.5"  
Discharge: 1"  
S.G. 1.0**

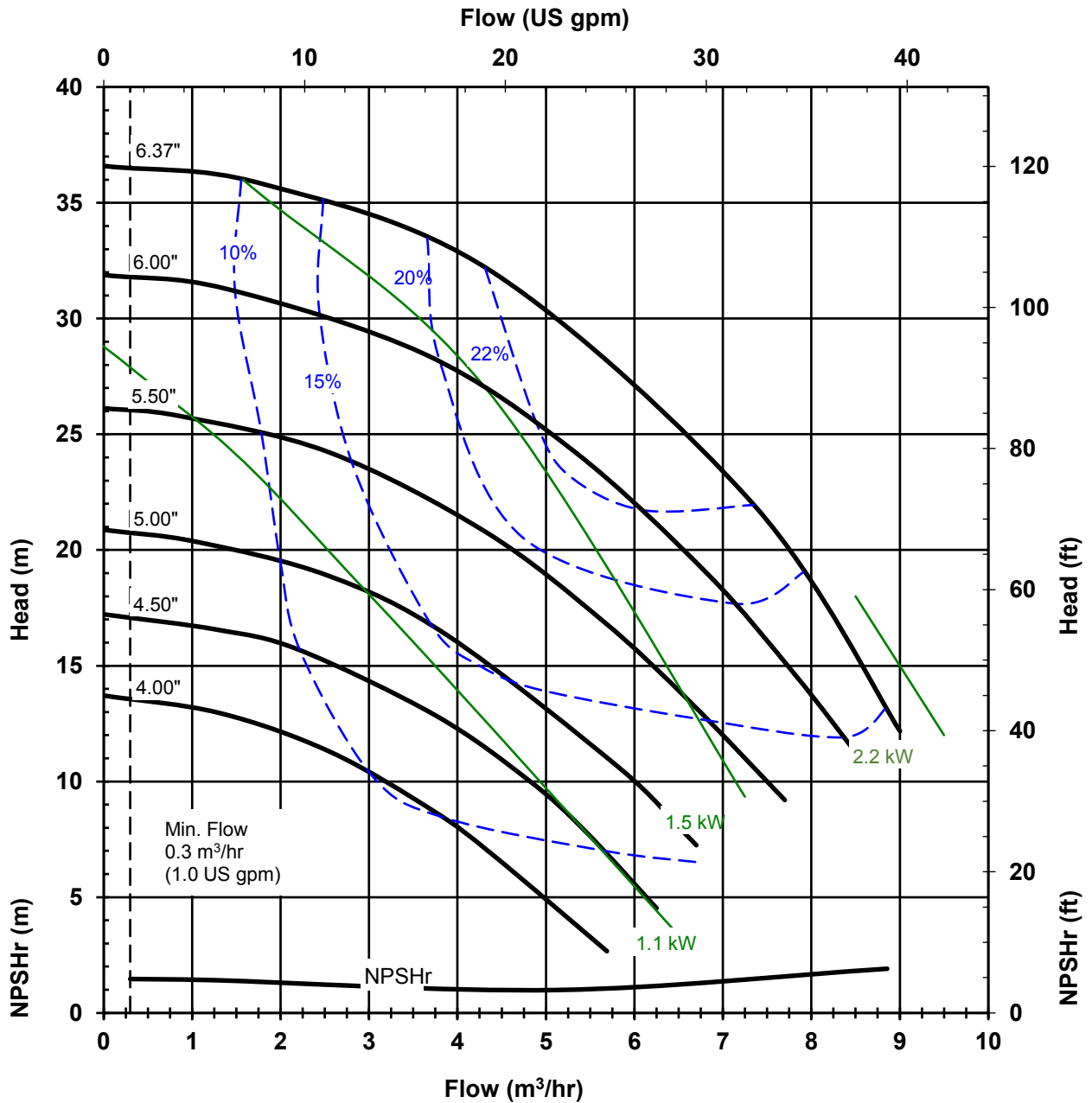


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1516L**  
**2900 rpm, 50 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

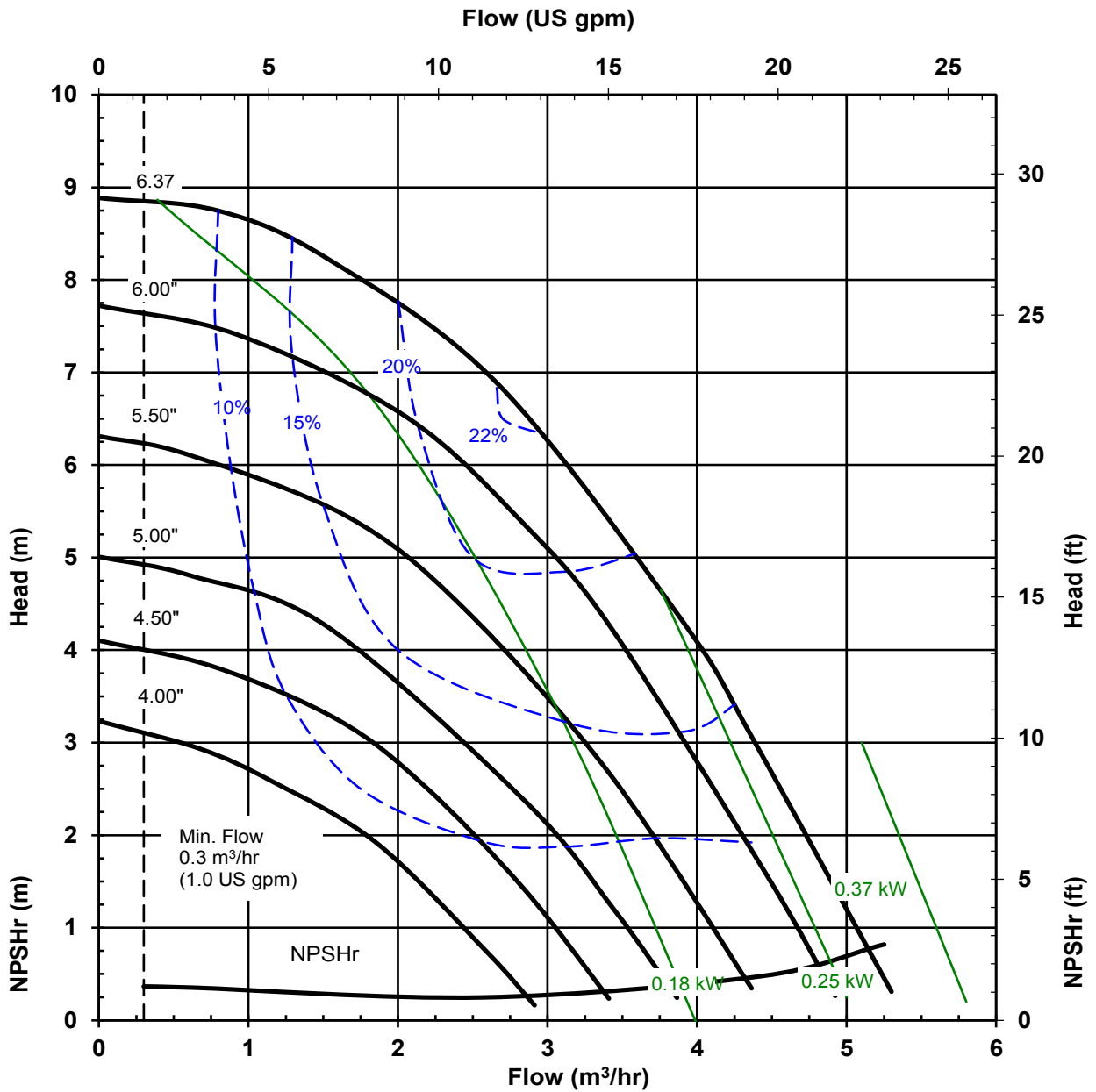


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1516L**  
**1450 rpm, 50 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

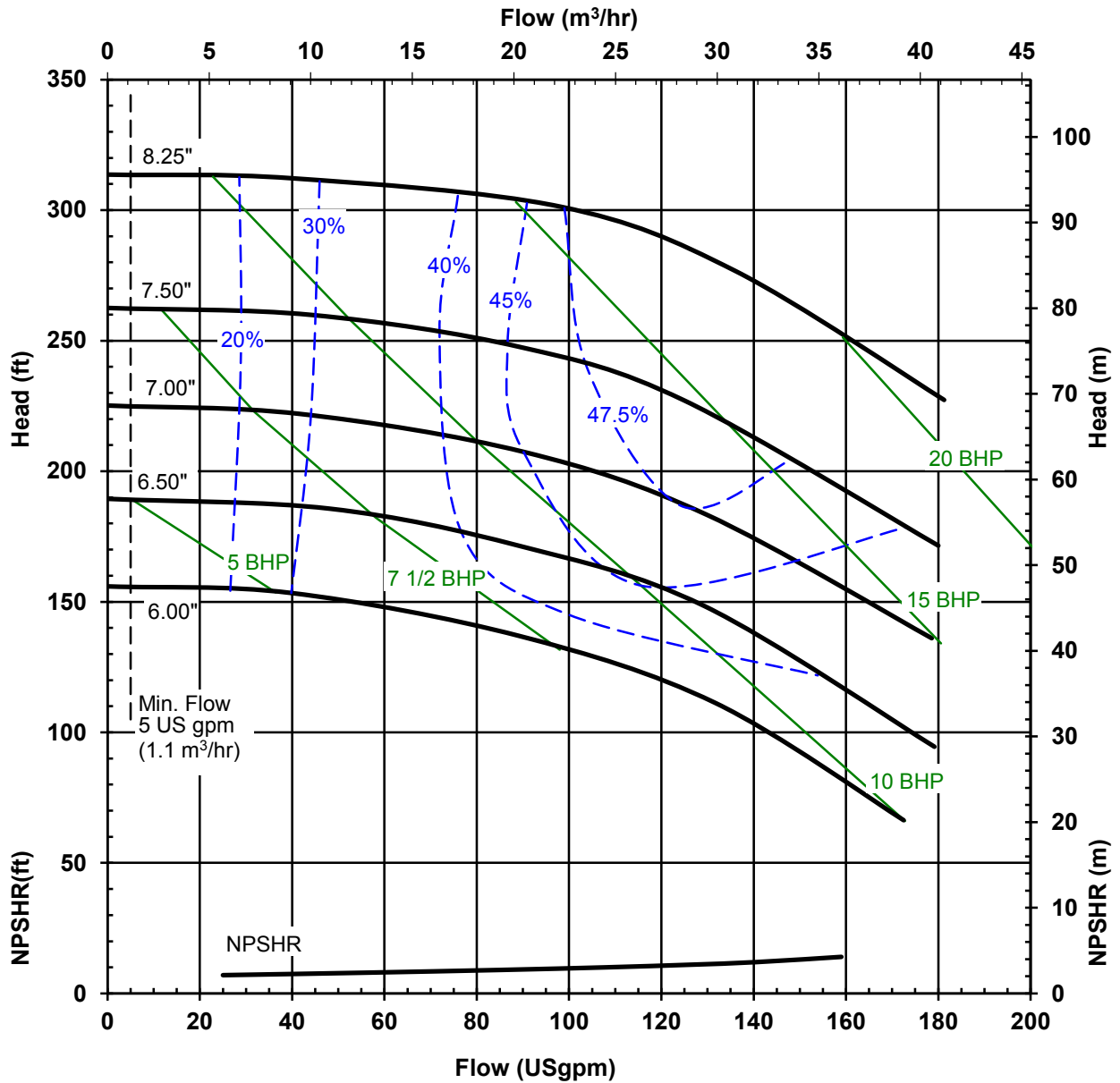


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1518**  
**3500 rpm, 60 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

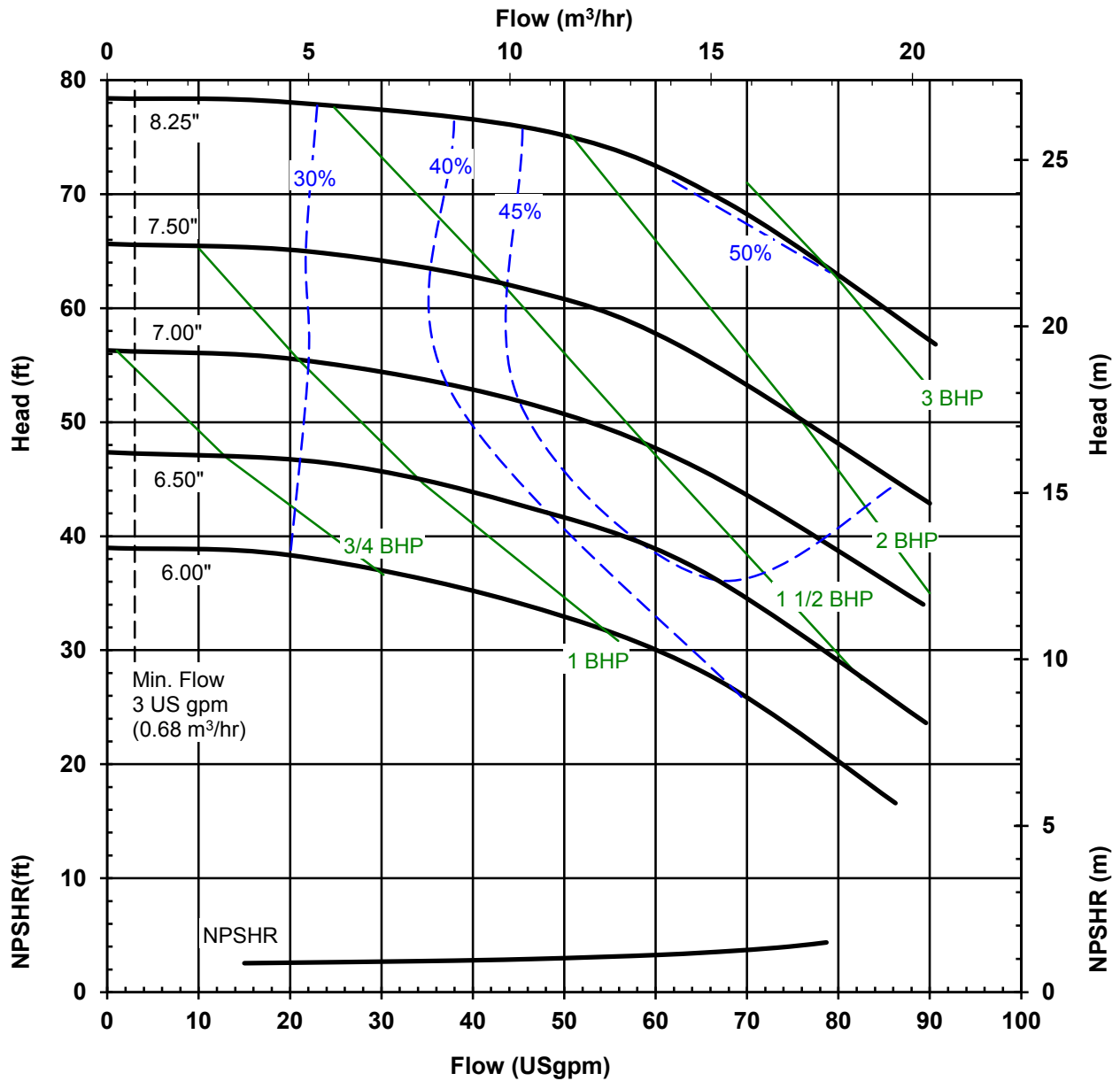


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1518**  
**1750 rpm, 60 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

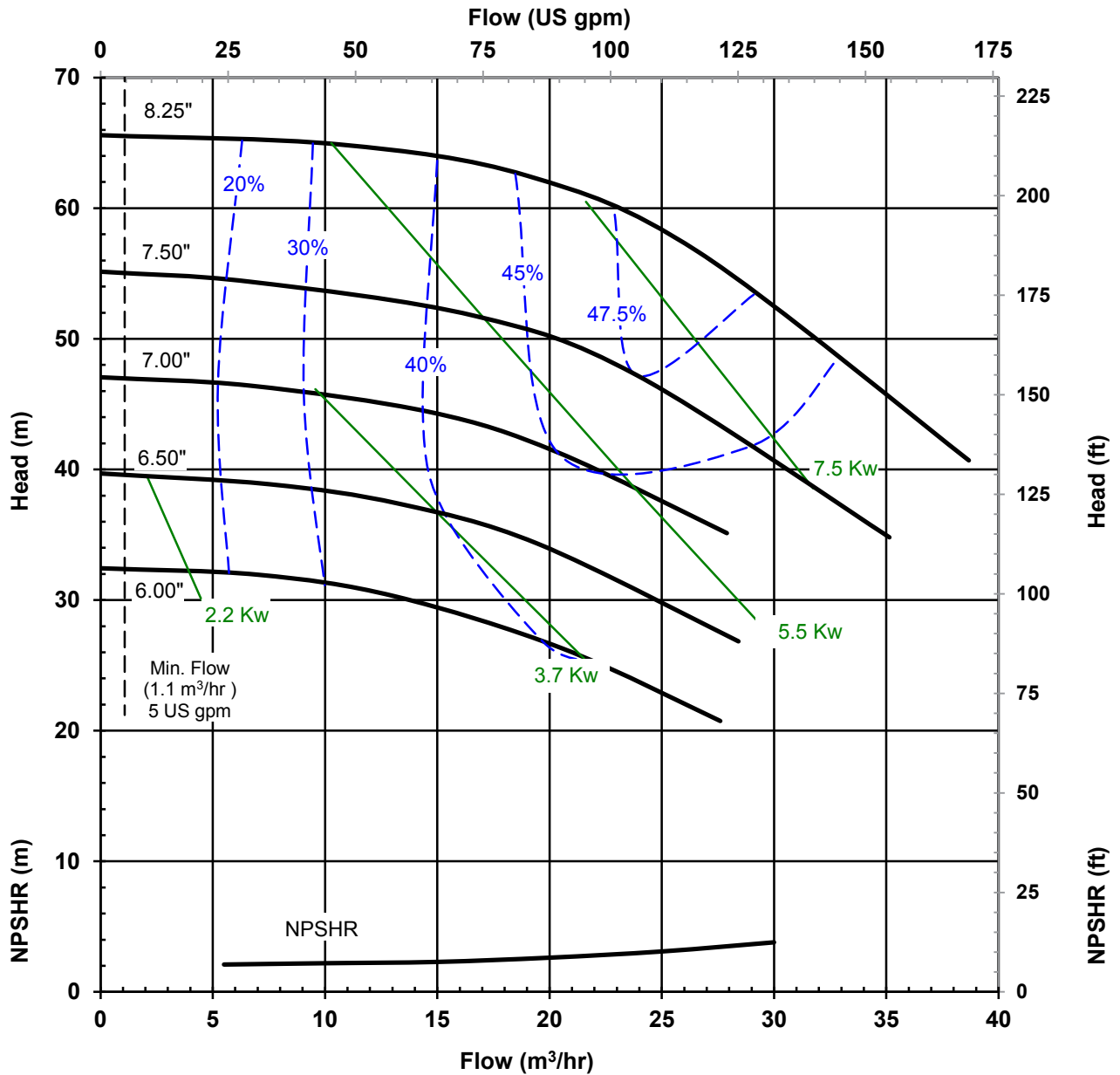


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1518**  
**2900 rpm, 50 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

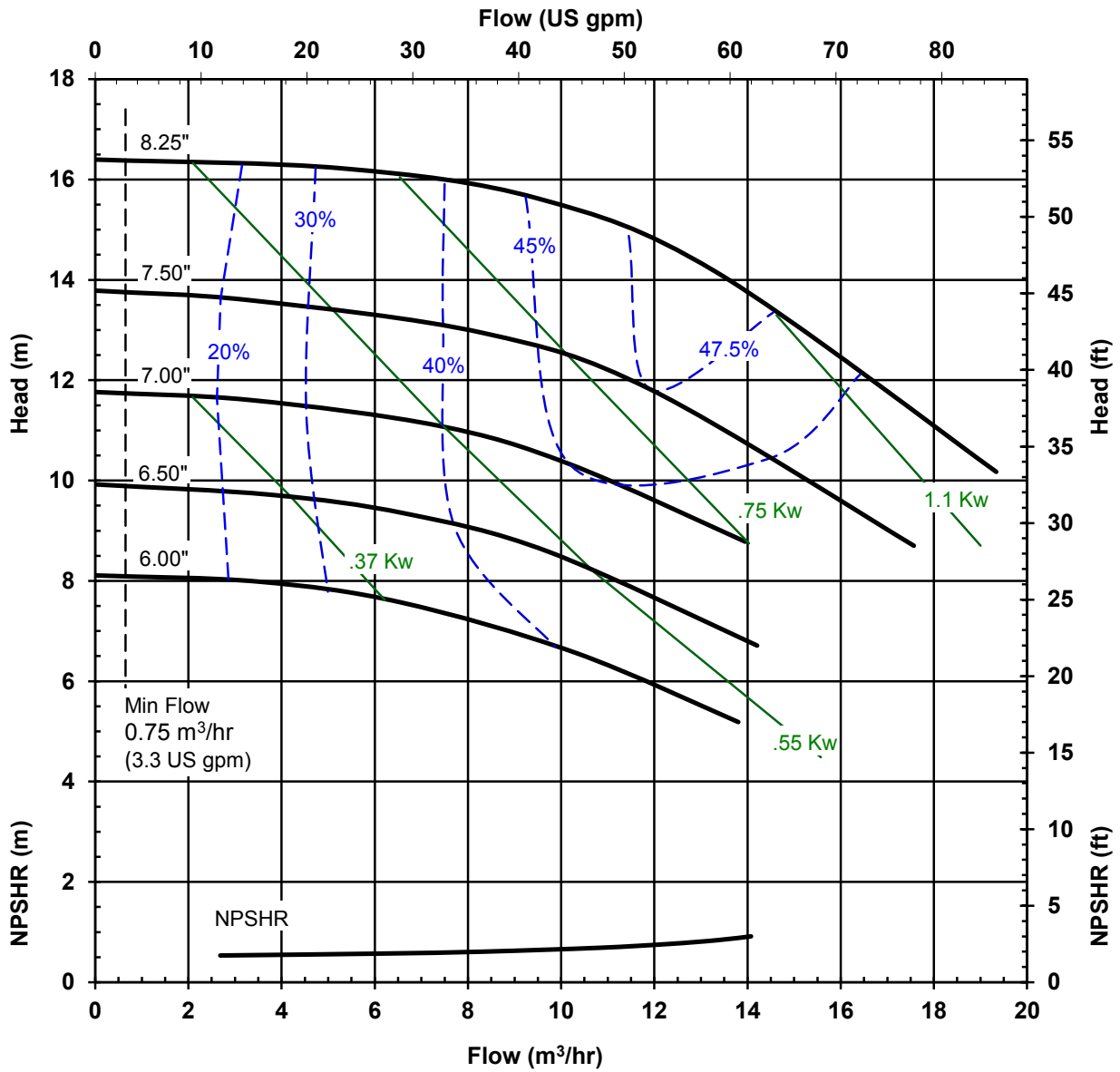


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1518**  
**1450 rpm, 50 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

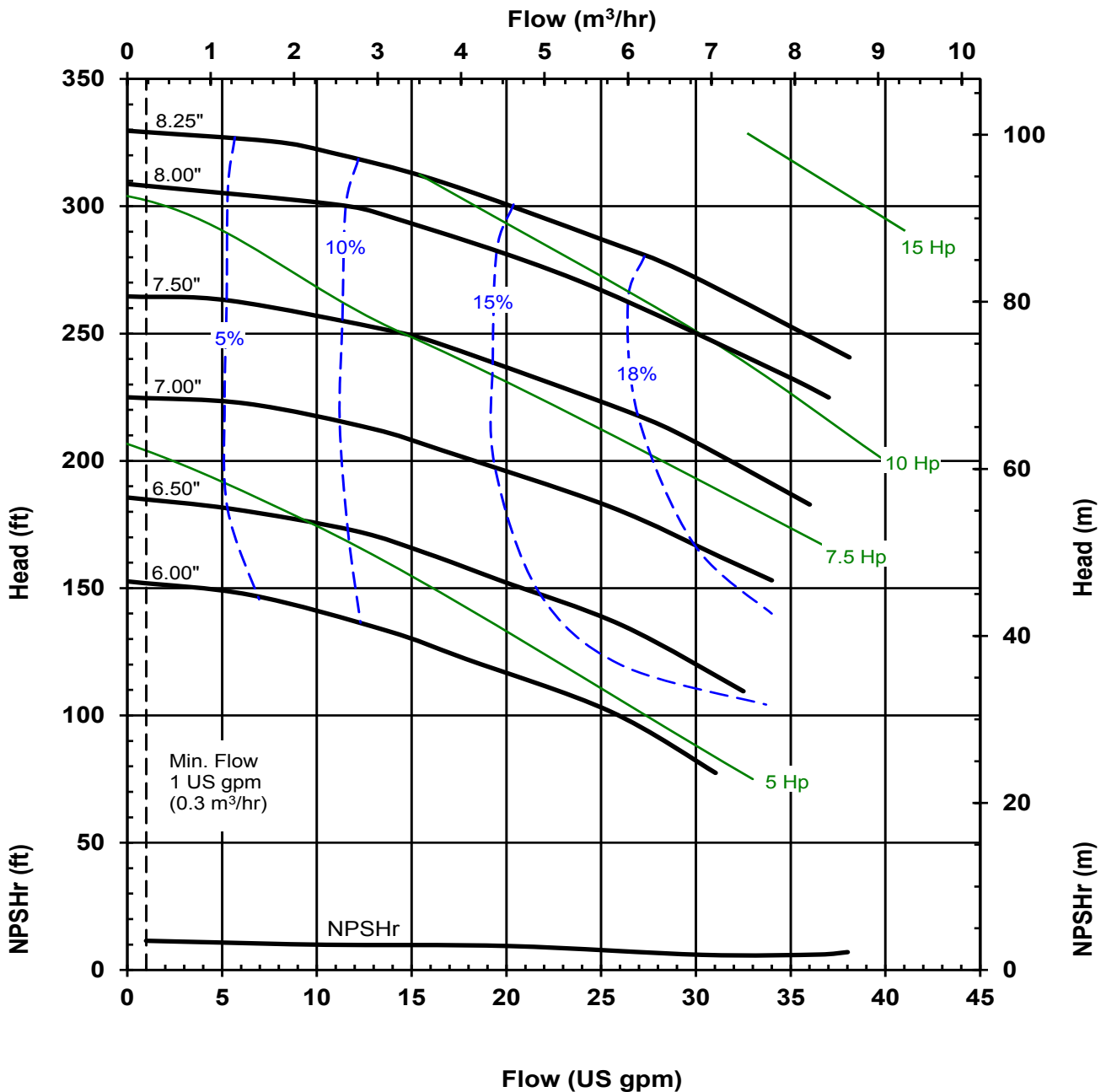


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1518L**  
**3500 rpm, 60 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**



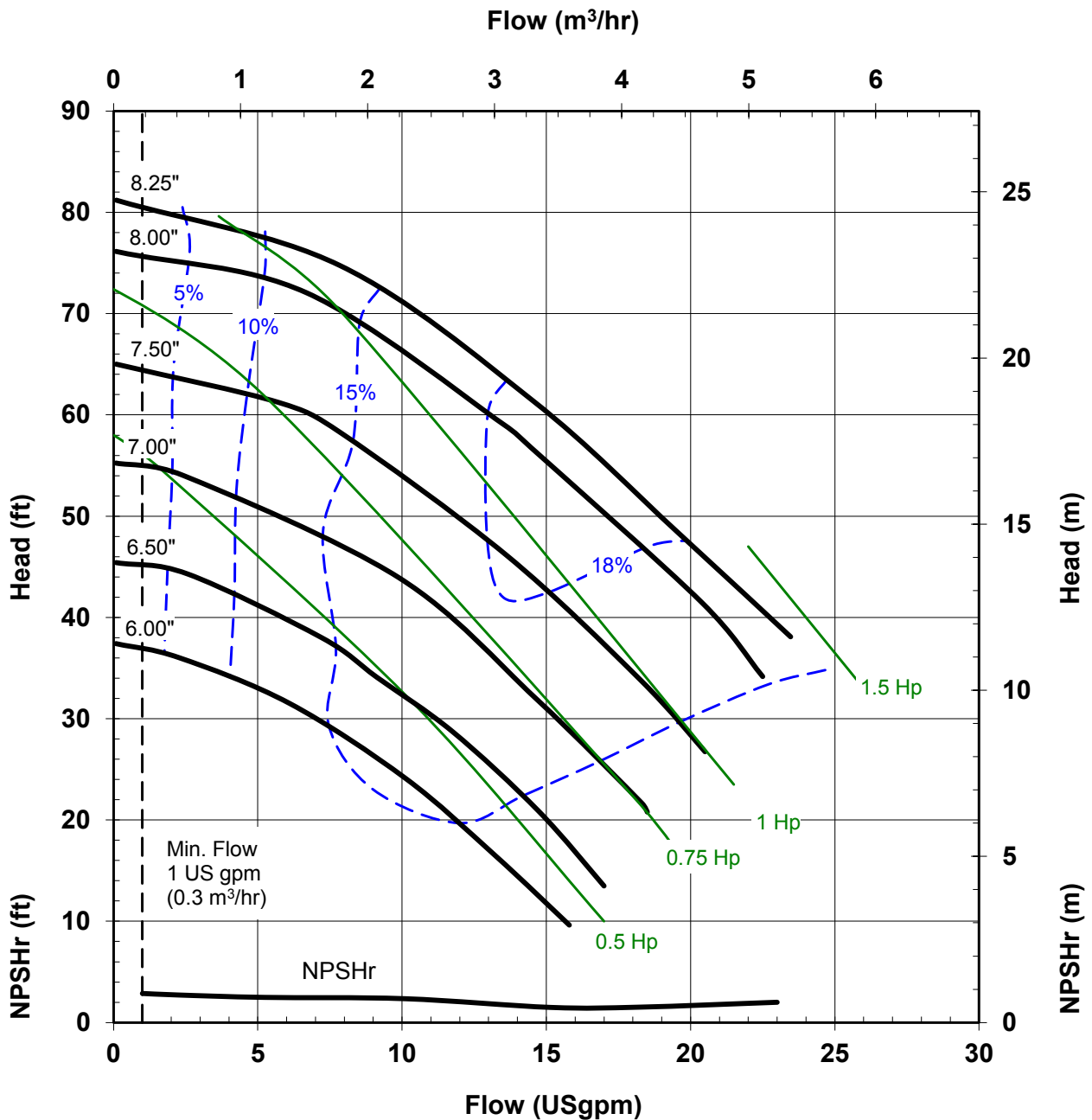
Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.





**UC SERIES  
STANDARD HORIZONTAL  
PERFORMANCE CURVE**

**MODEL: UC1518L**  
**1750 rpm, 60 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

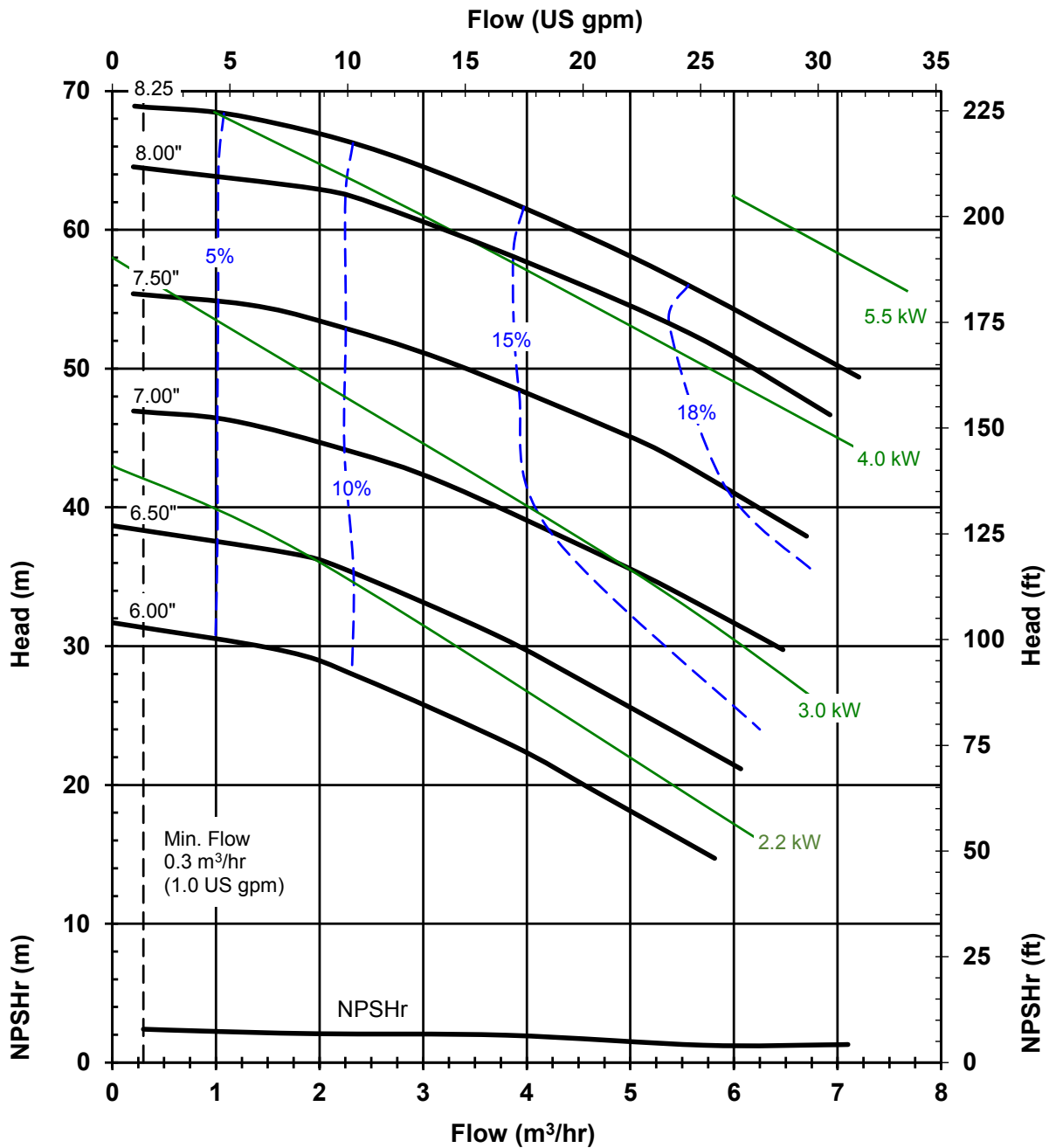


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1518L**  
**2900 rpm, 50 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

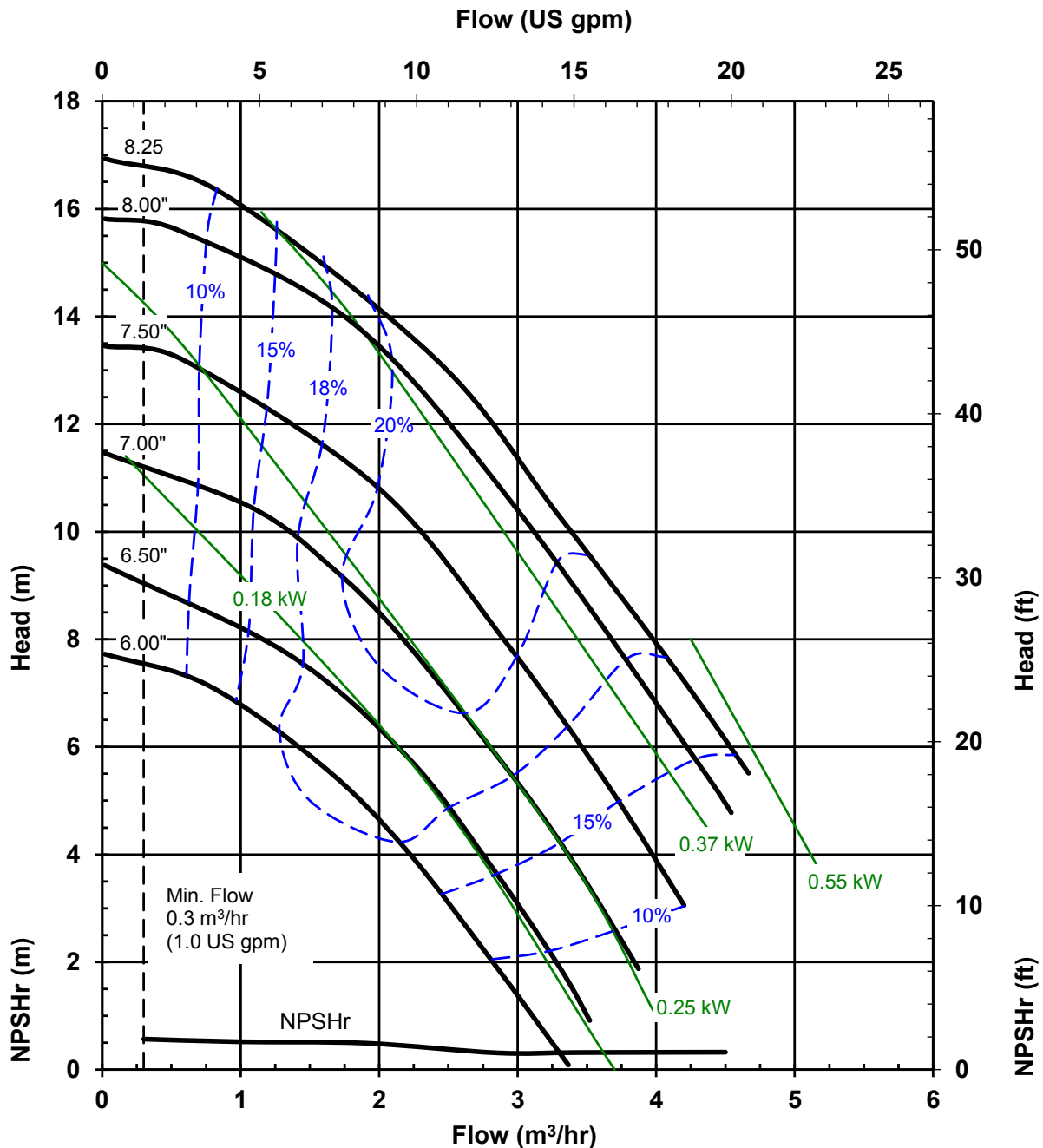


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC1518L**  
**1450 rpm, 50 Hz**  
**Suction: 1.5"**  
**Discharge: 1"**  
**S.G. 1.0**

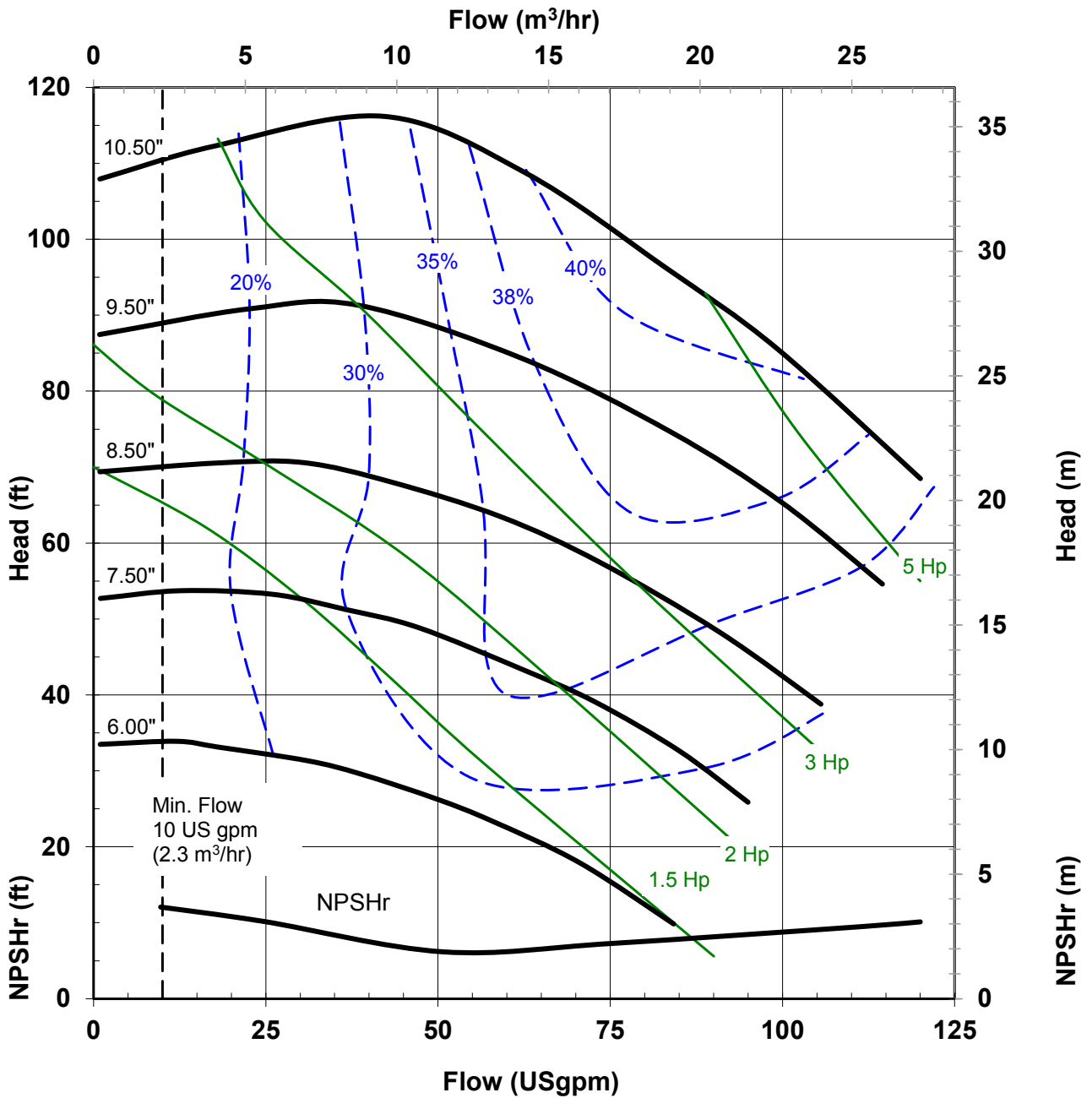


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



**UC SERIES  
STANDARD HORIZONTAL  
PERFORMANCE CURVE**

**MODEL: UC2110**  
**1750 rpm, 60 Hz**  
**Suction: 2"**  
**Discharge: 1"**  
**S.G. 1.0**

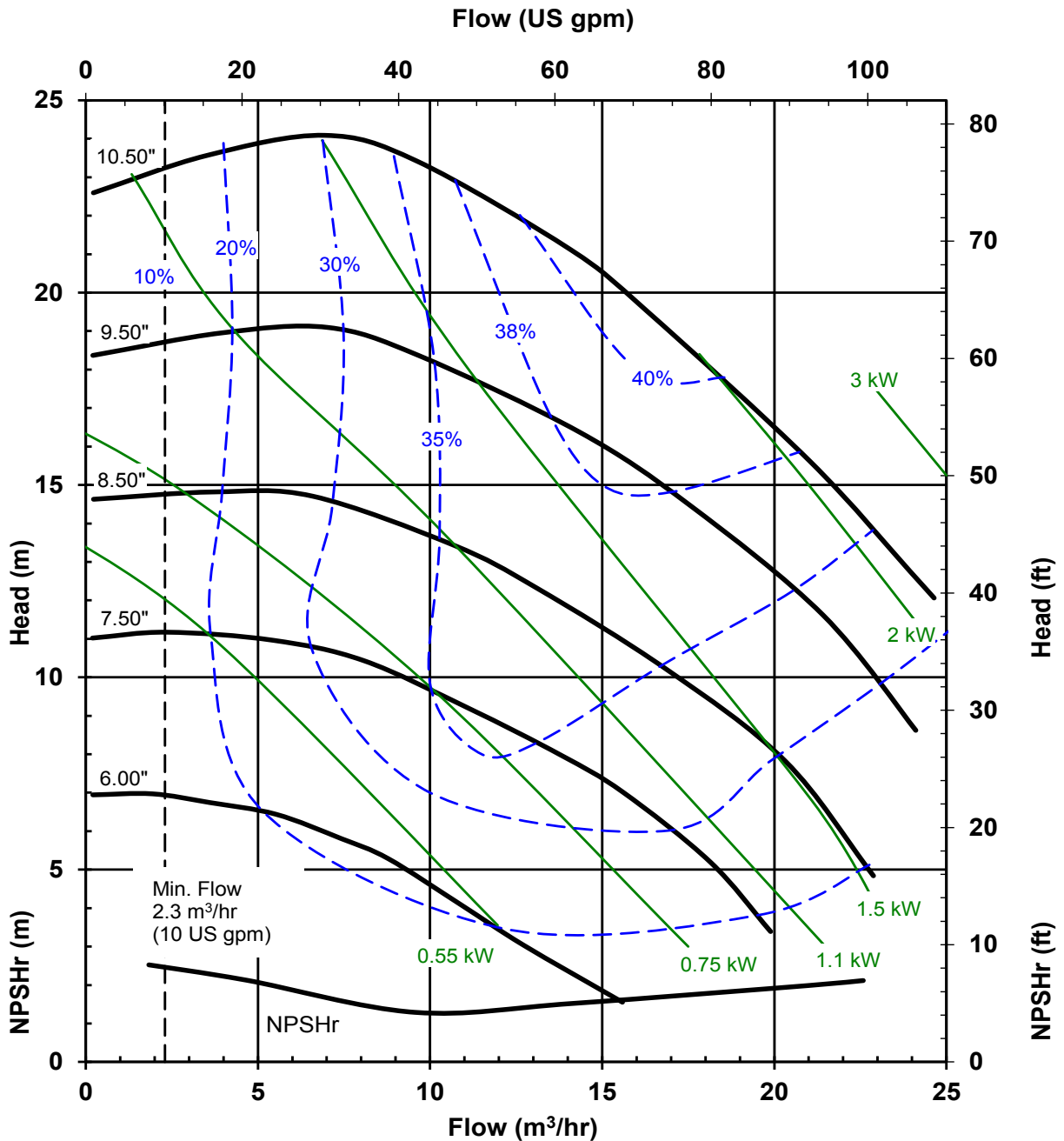


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC2110**  
**1450 rpm, 50 Hz**  
**Suction: 2"**  
**Discharge: 1"**  
**S.G. 1.0**

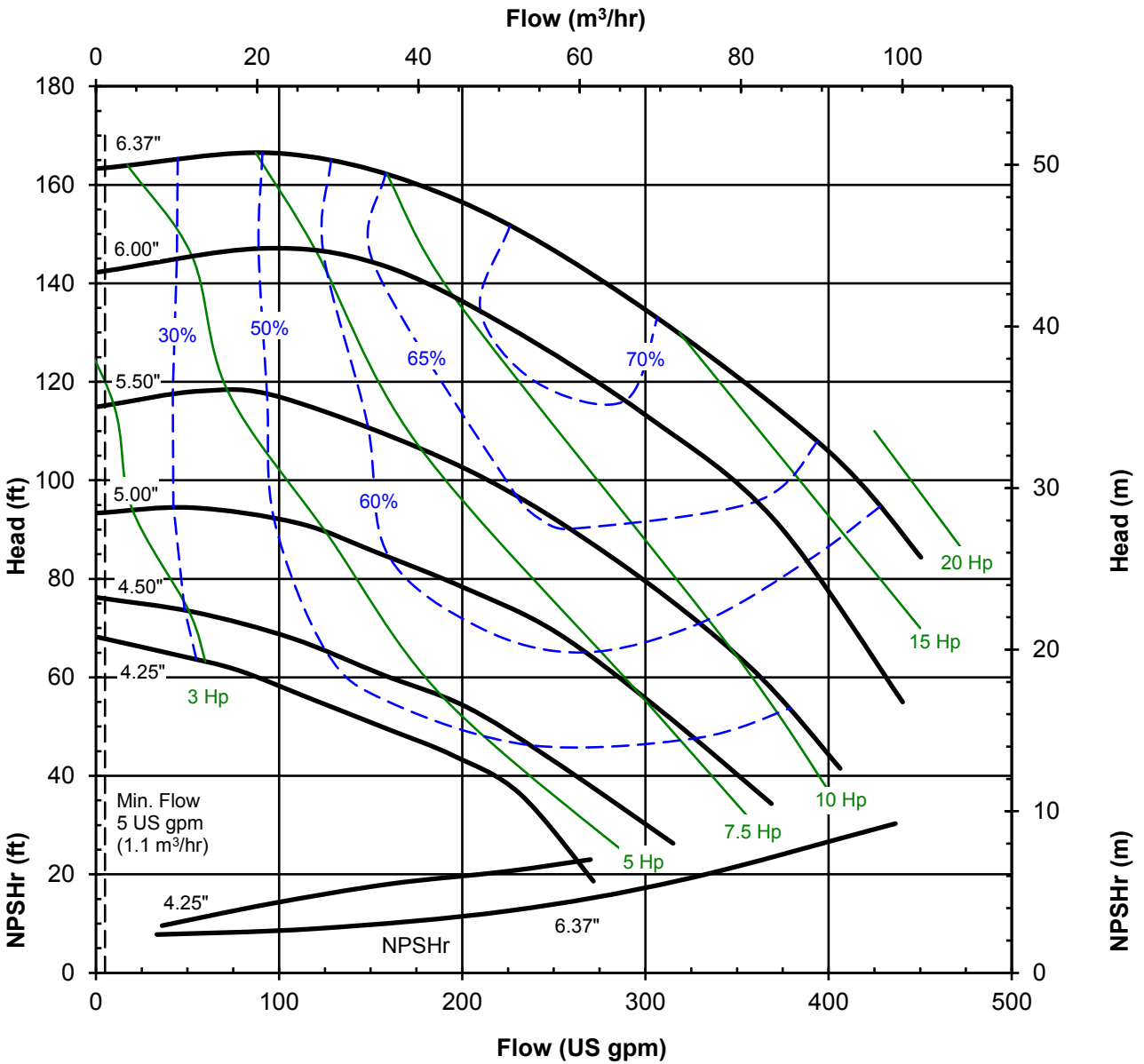


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC326/326H**  
**3500 rpm, 60 Hz**  
**Suction: 3"**  
**Discharge: 2"**  
**S.G. 1.0**

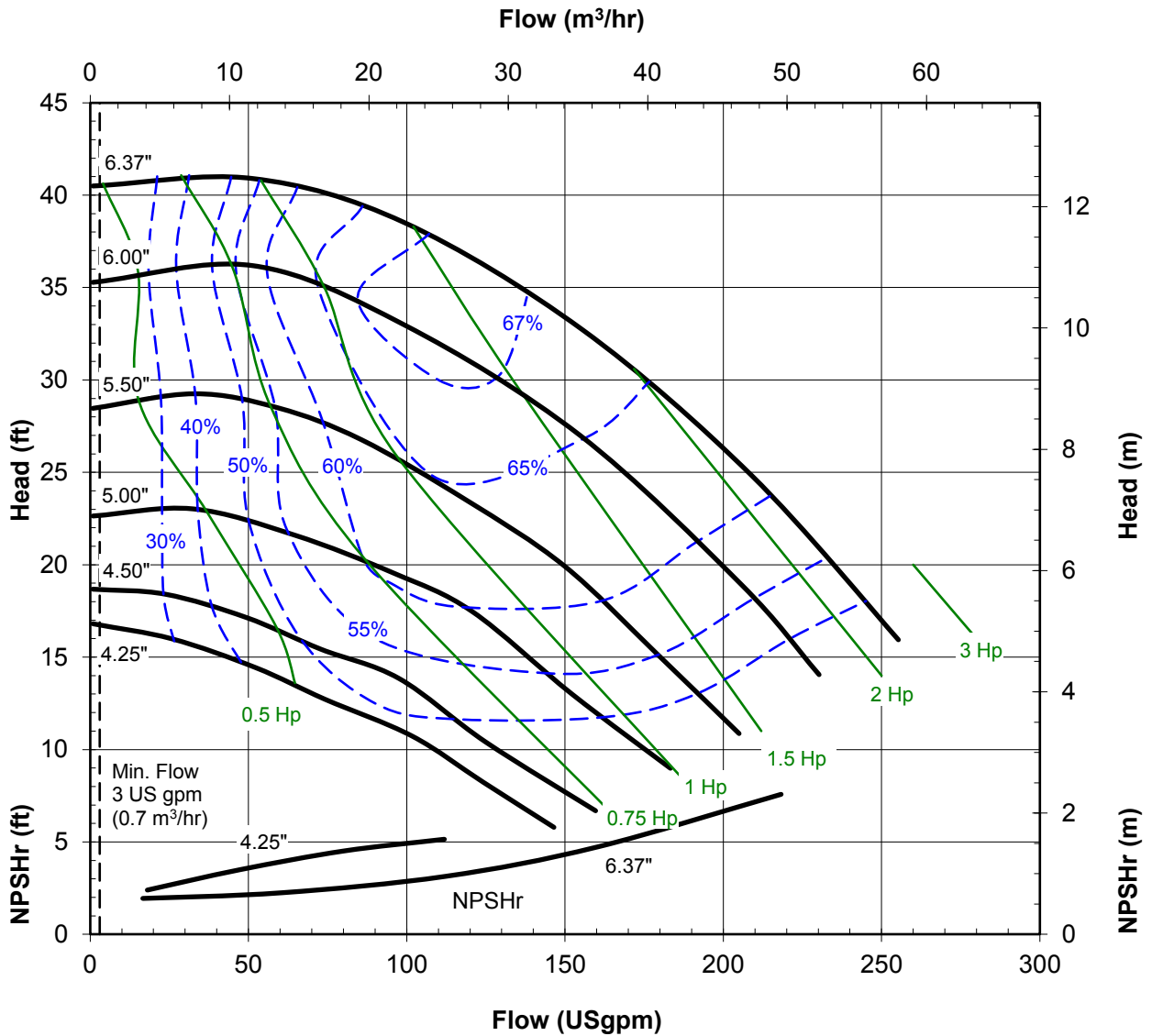


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC326/326H**  
**1750 rpm, 60 Hz**  
**Suction: 3"**  
**Discharge: 2"**  
**S.G. 1.0**

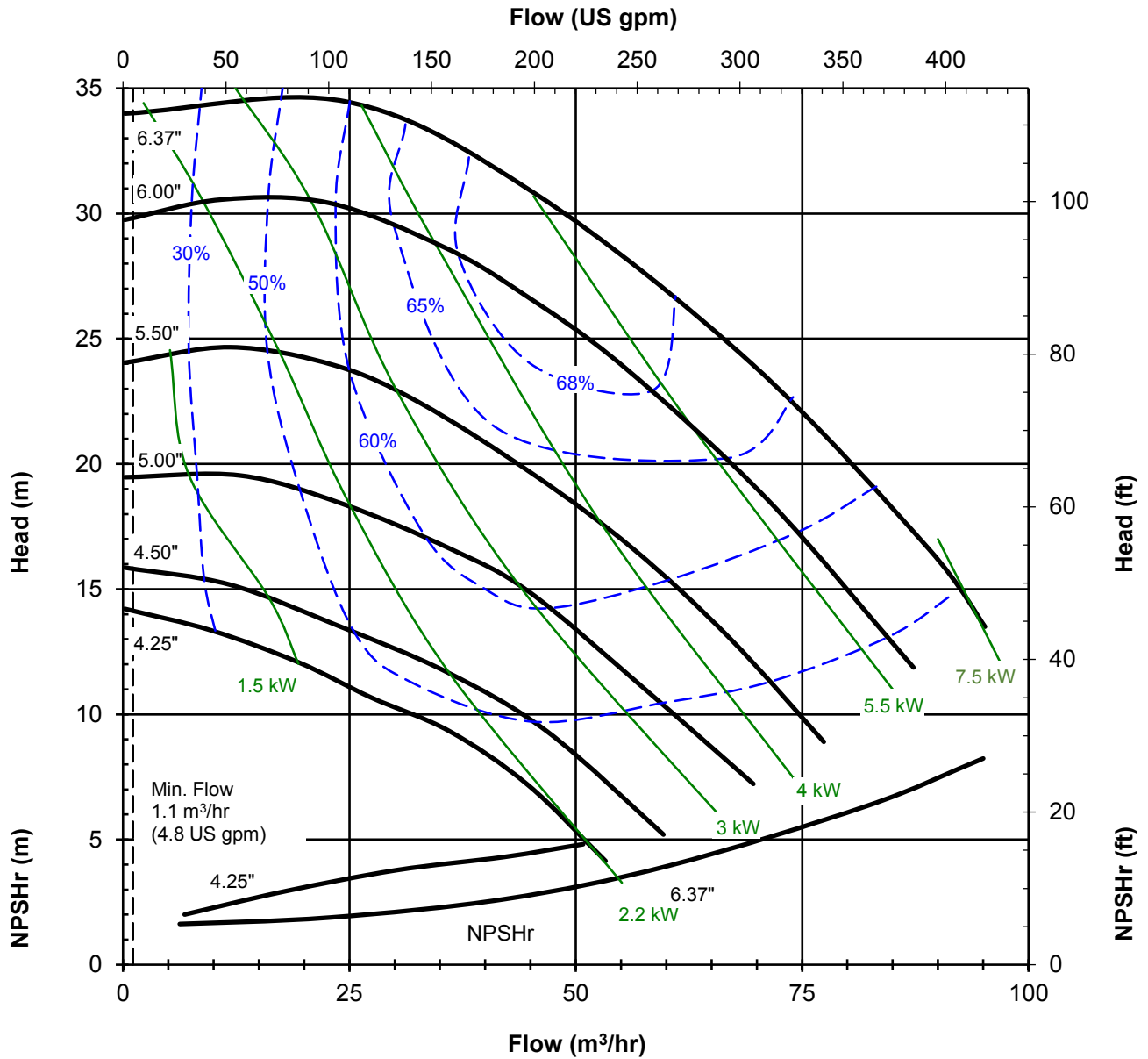


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC326/326H**  
**2900 rpm, 50 Hz**  
**Suction: 3"**  
**Discharge: 2"**  
**S.G. 1.0**



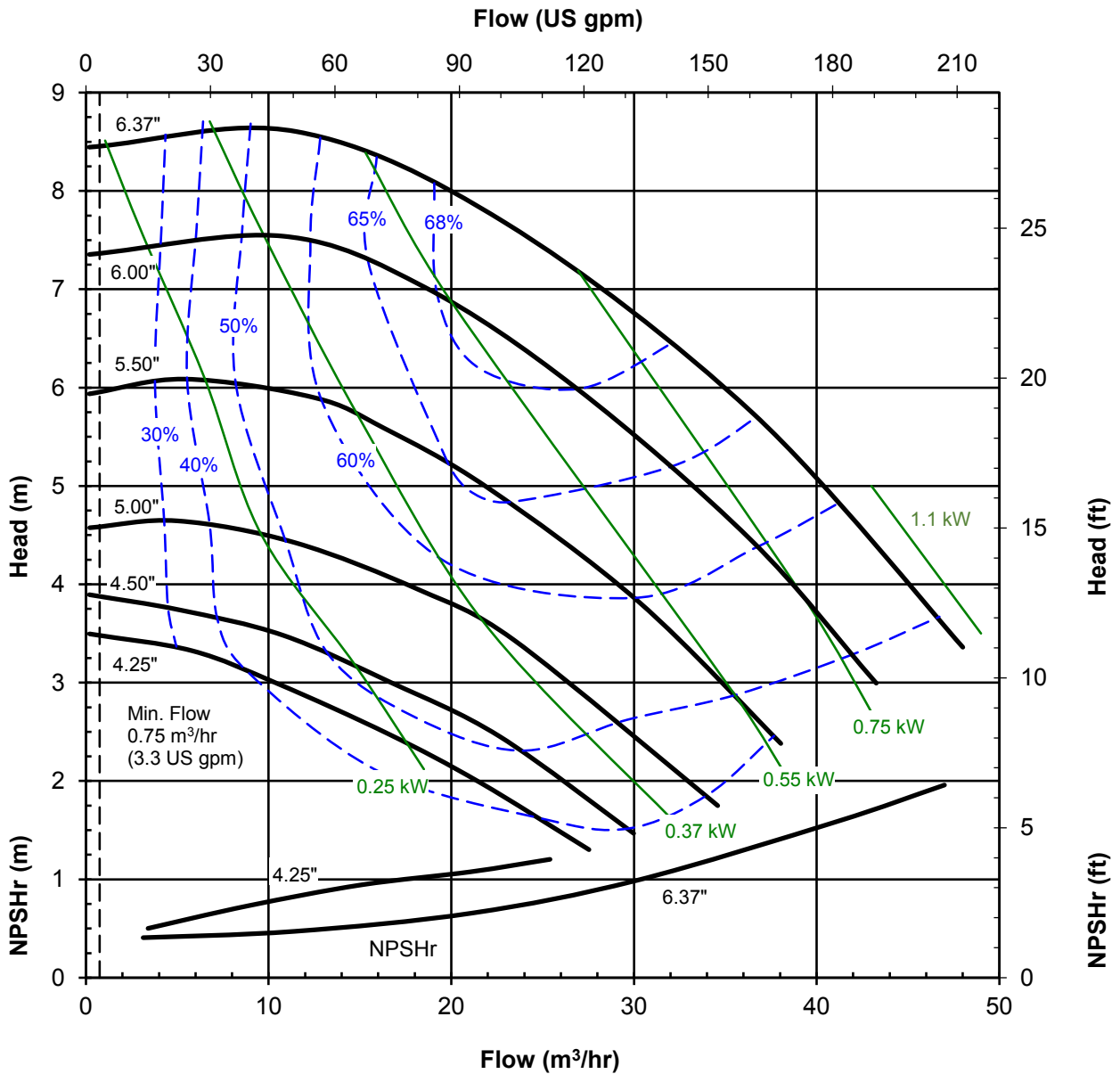
Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.





# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC326/326H**  
**1450 rpm, 50 Hz**  
**Suction: 3"**  
**Discharge: 2"**  
**S.G. 1.0**

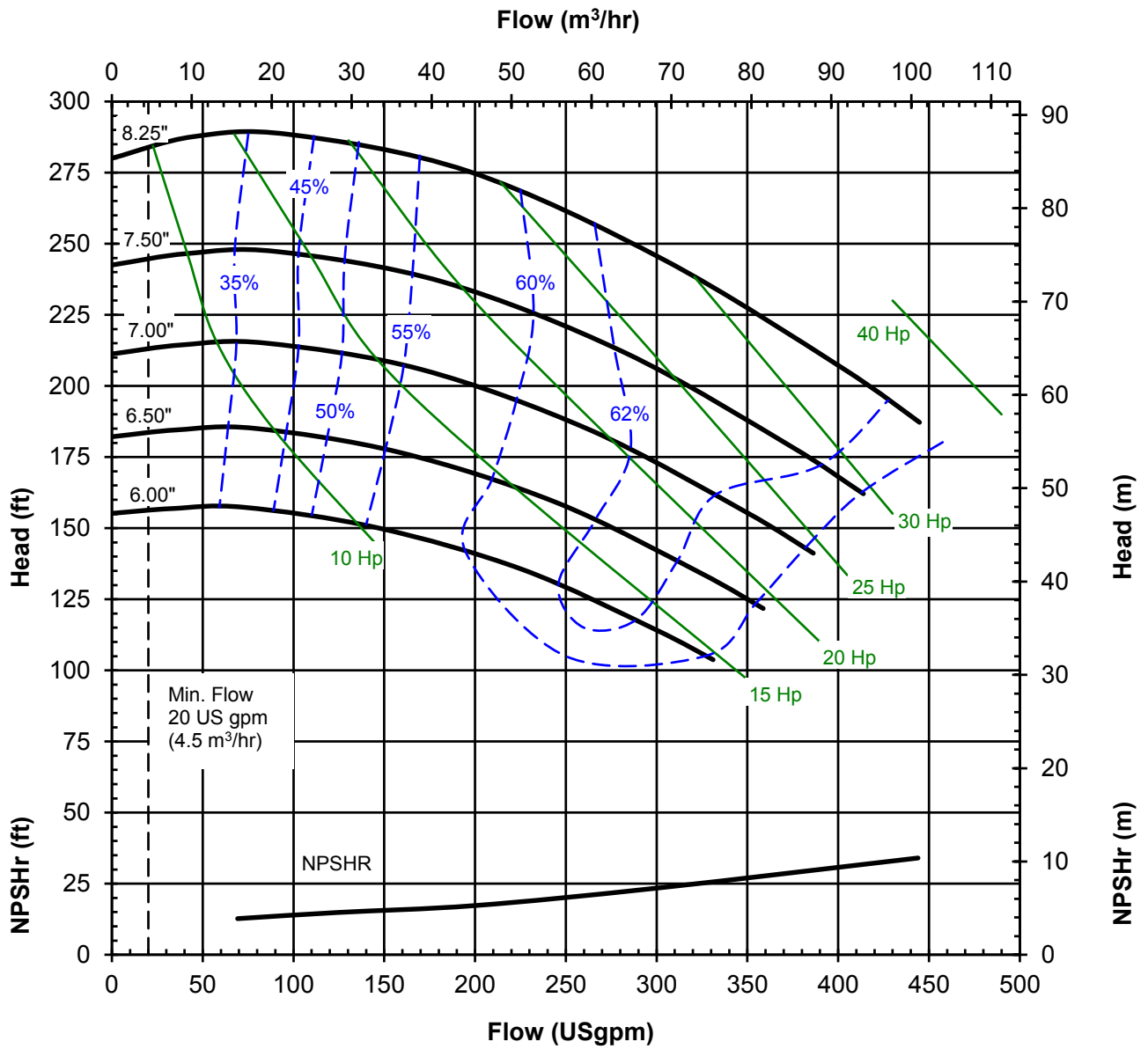


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC328**  
**3500 rpm, 60 Hz**  
**Suction: 3"**  
**Discharge: 2"**  
**S.G. 1.0**

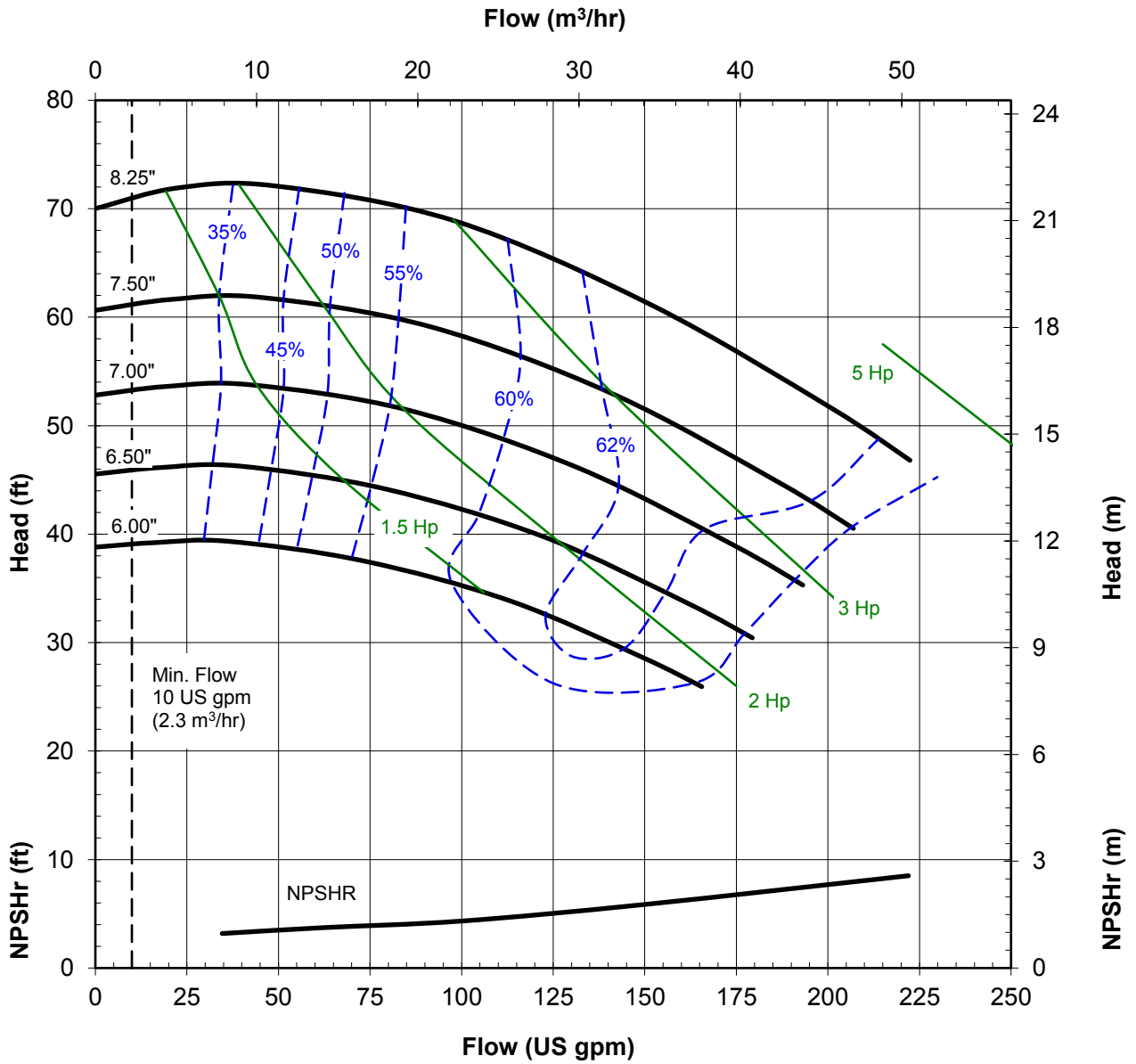


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC328**  
**1750 rpm, 60 Hz**  
**Suction: 3"**  
**Discharge: 2"**  
**S.G. 1.0**

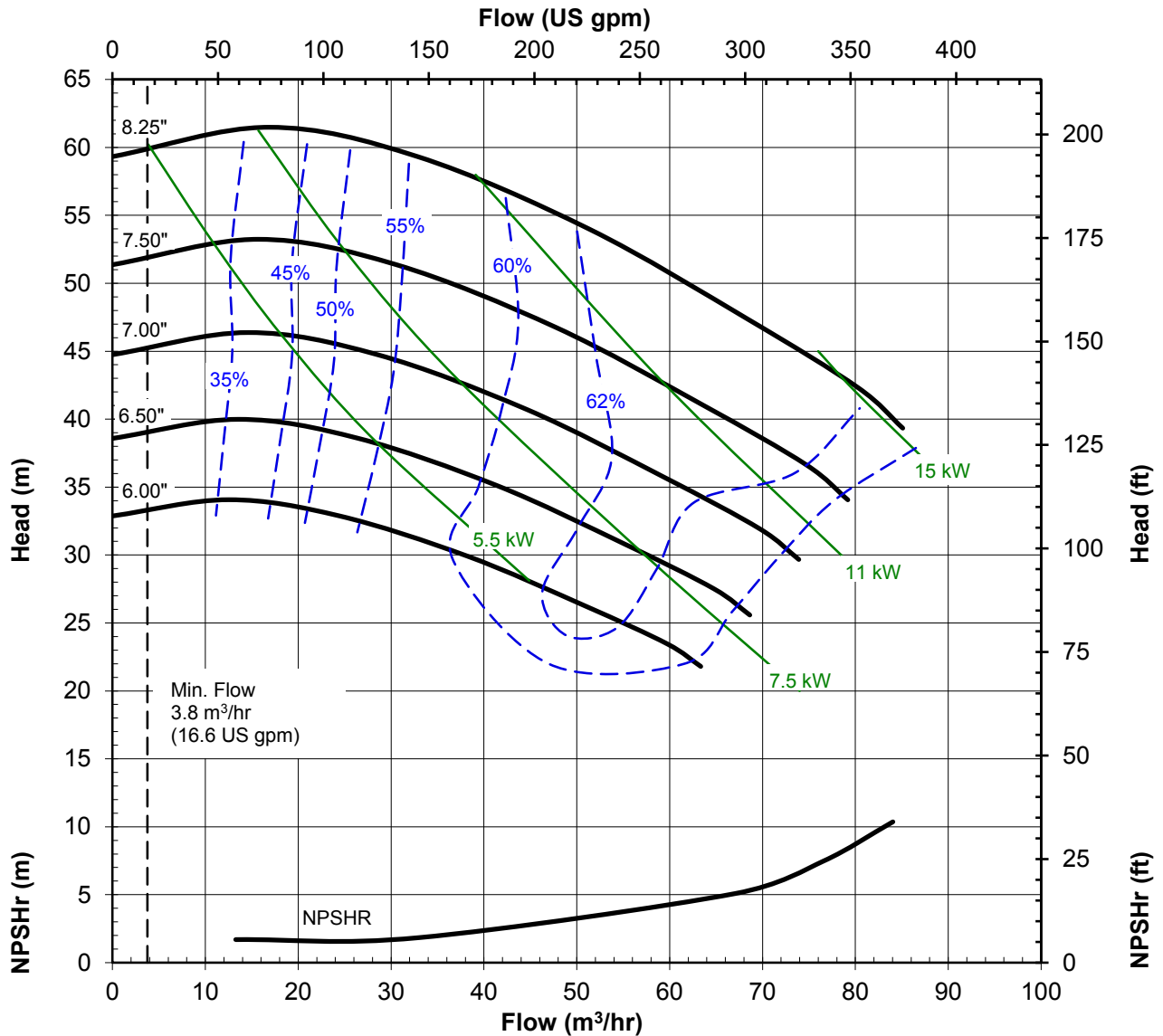


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC328**  
**2900 rpm, 50 Hz**  
**Suction: 3"**  
**Discharge: 2"**  
**S.G. 1.0**

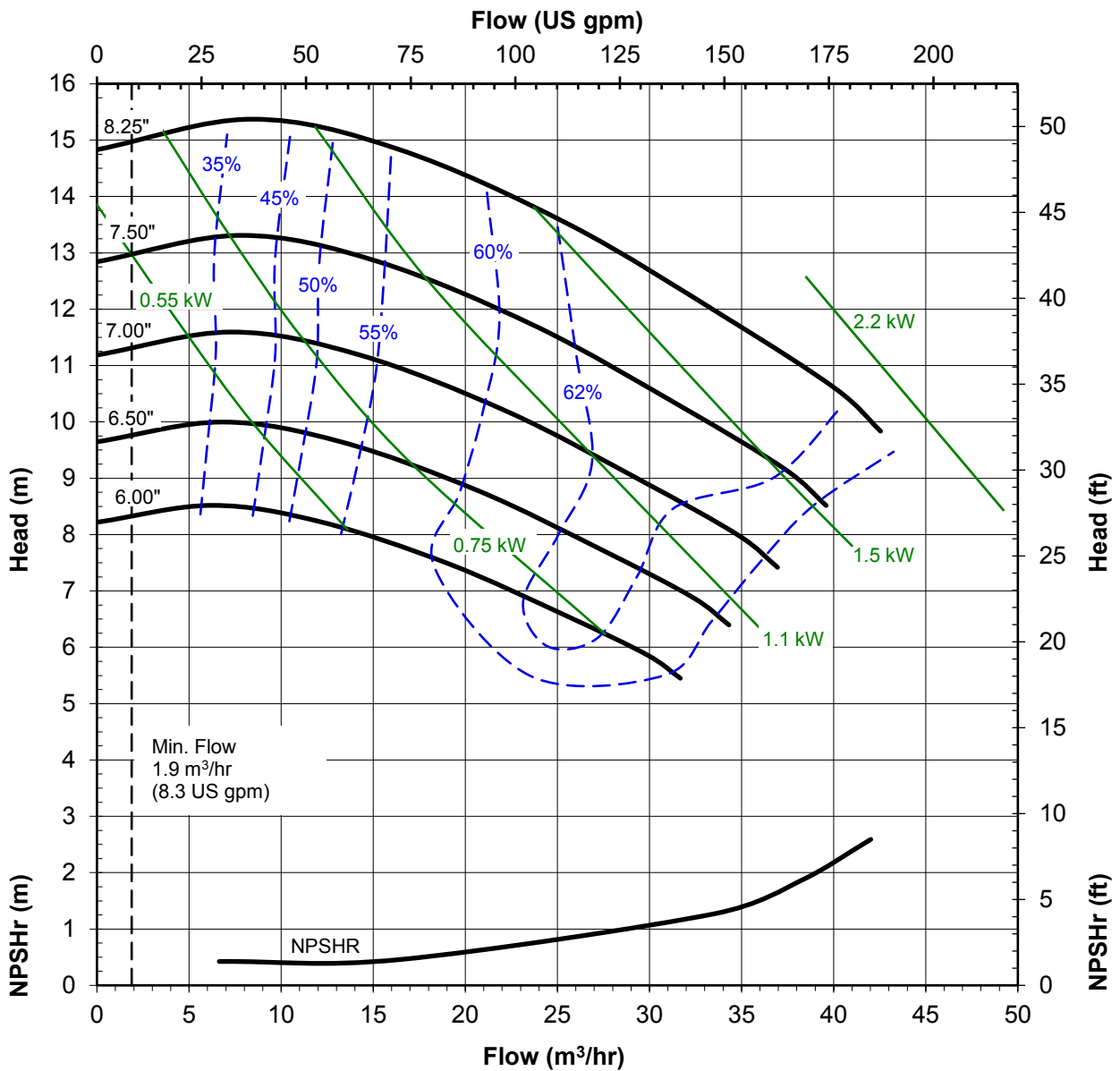


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC328**  
**1450 rpm, 50 Hz**  
**Suction: 3"**  
**Discharge: 2"**  
**S.G. 1.0**

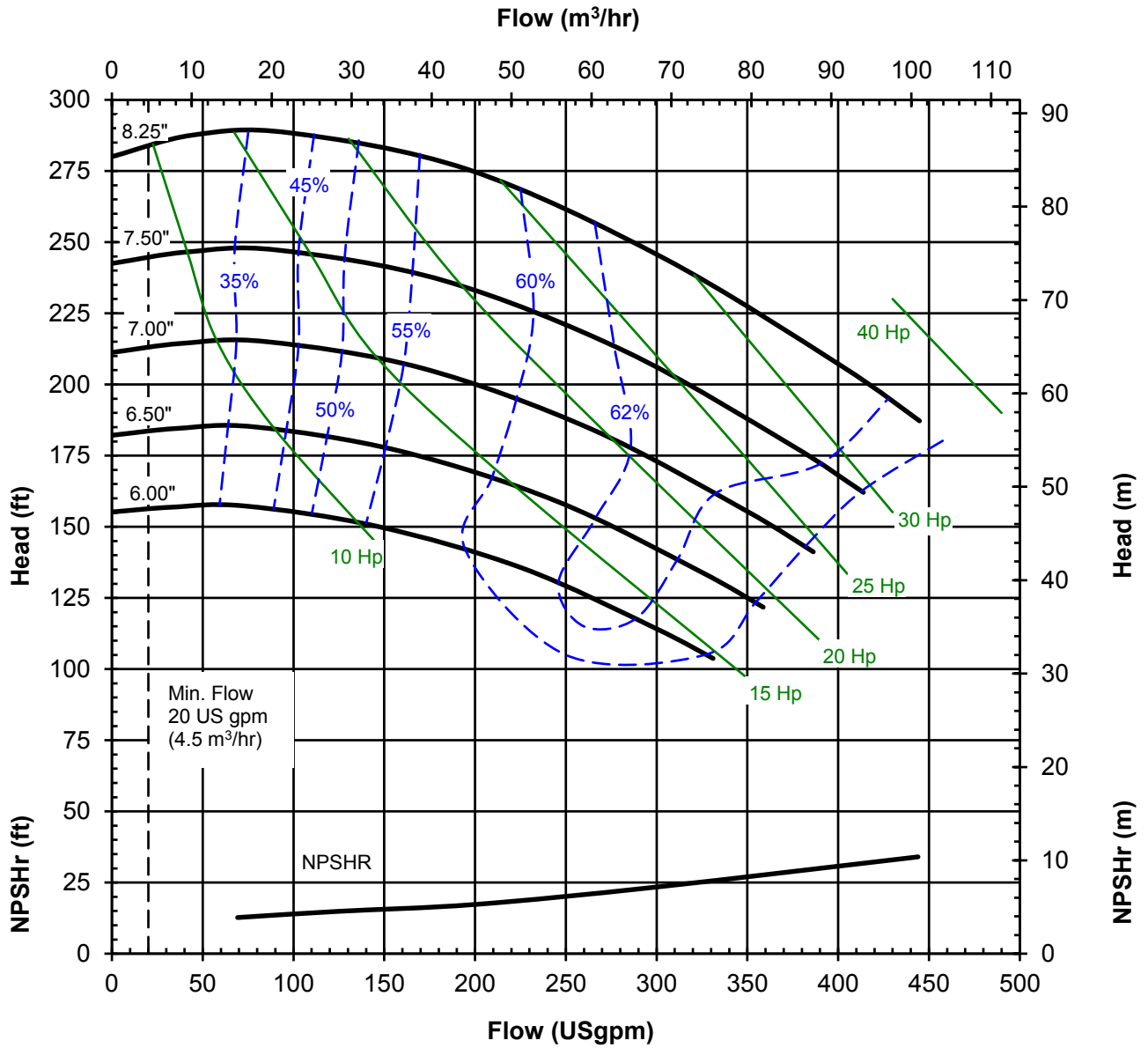


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC3158**  
**3500 rpm, 60 Hz**  
**Suction: 3"**  
**Discharge: 1.5"**  
**S.G. 1.0**

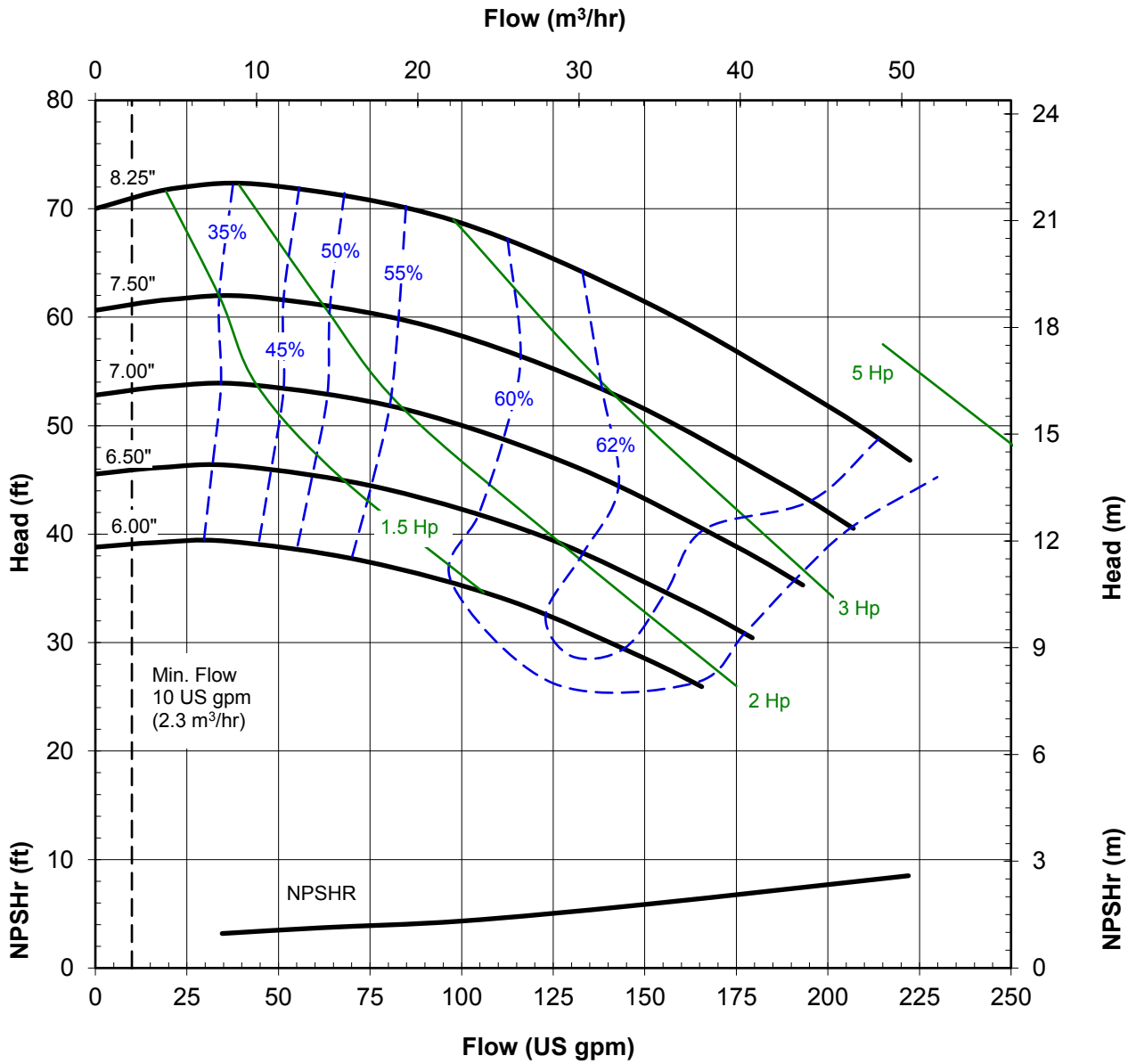


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC3158**  
**1750 rpm, 60 Hz**  
**Suction: 3"**  
**Discharge: 1.5"**  
**S.G. 1.0**

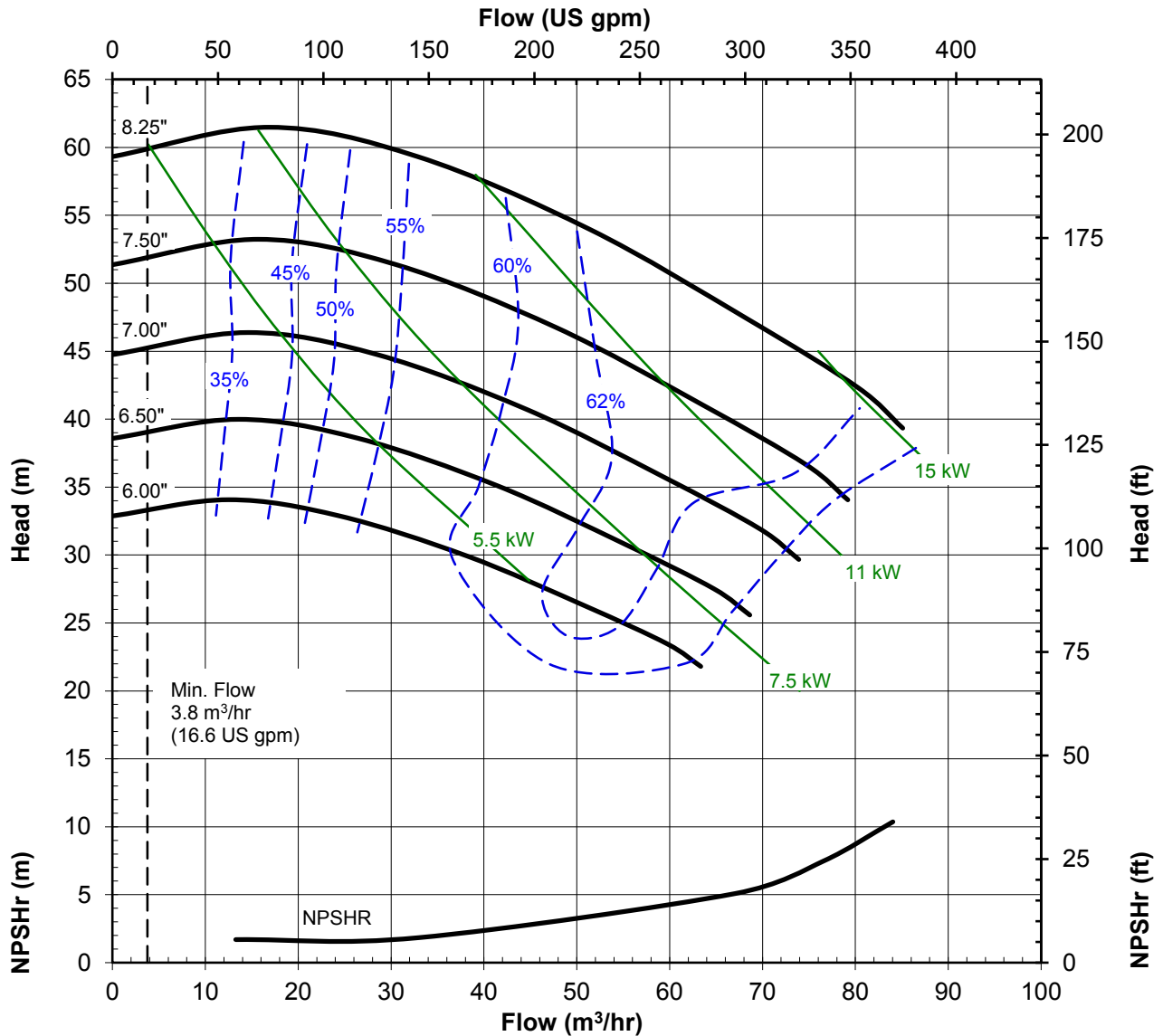


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC3158**  
**2900 rpm, 50 Hz**  
**Suction: 3"**  
**Discharge: 1.5"**  
**S.G. 1.0**



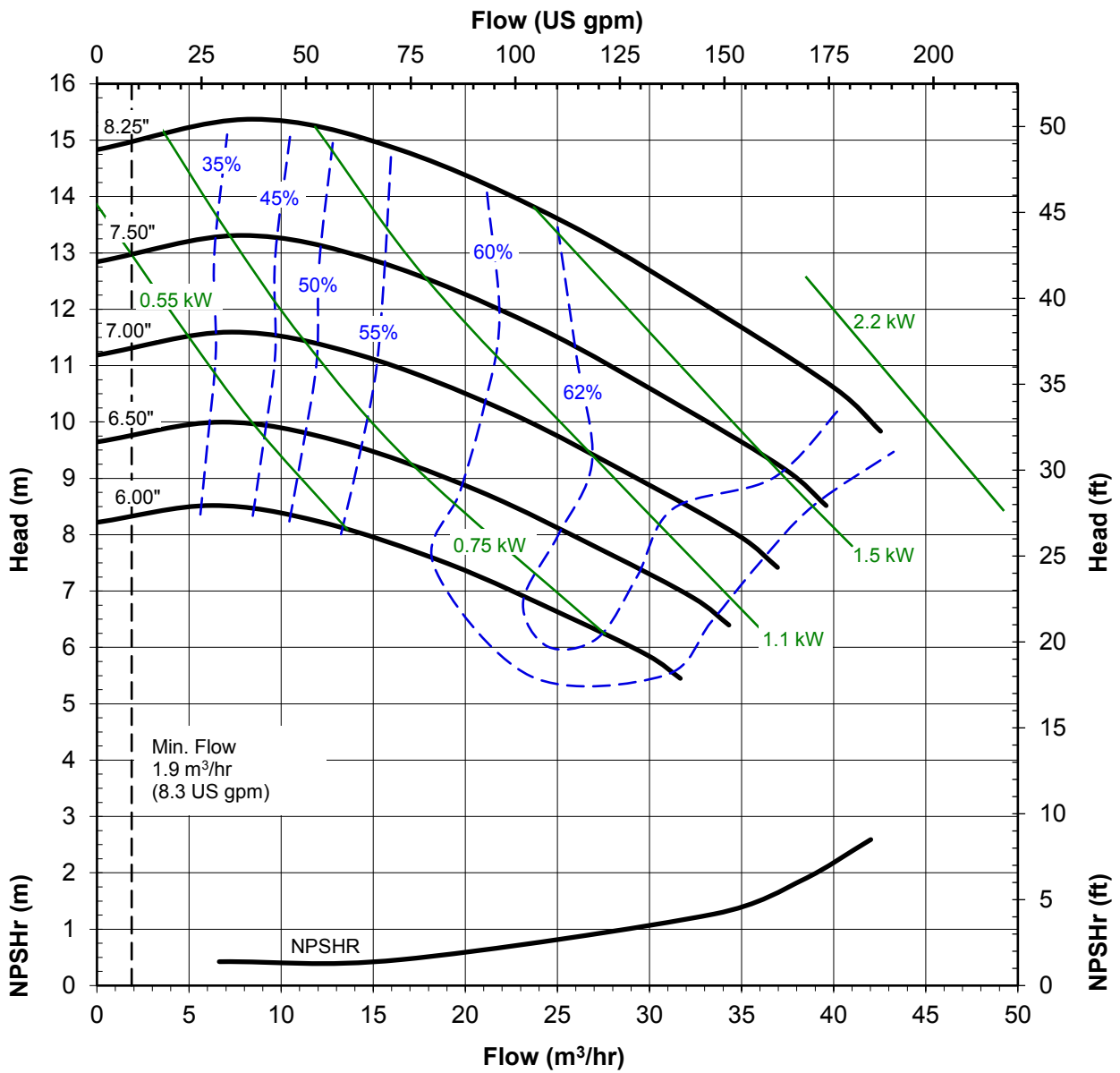
Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.





# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC3158**  
**1450 rpm, 50 Hz**  
**Suction: 3"**  
**Discharge: 1.5"**  
**S.G. 1.0**

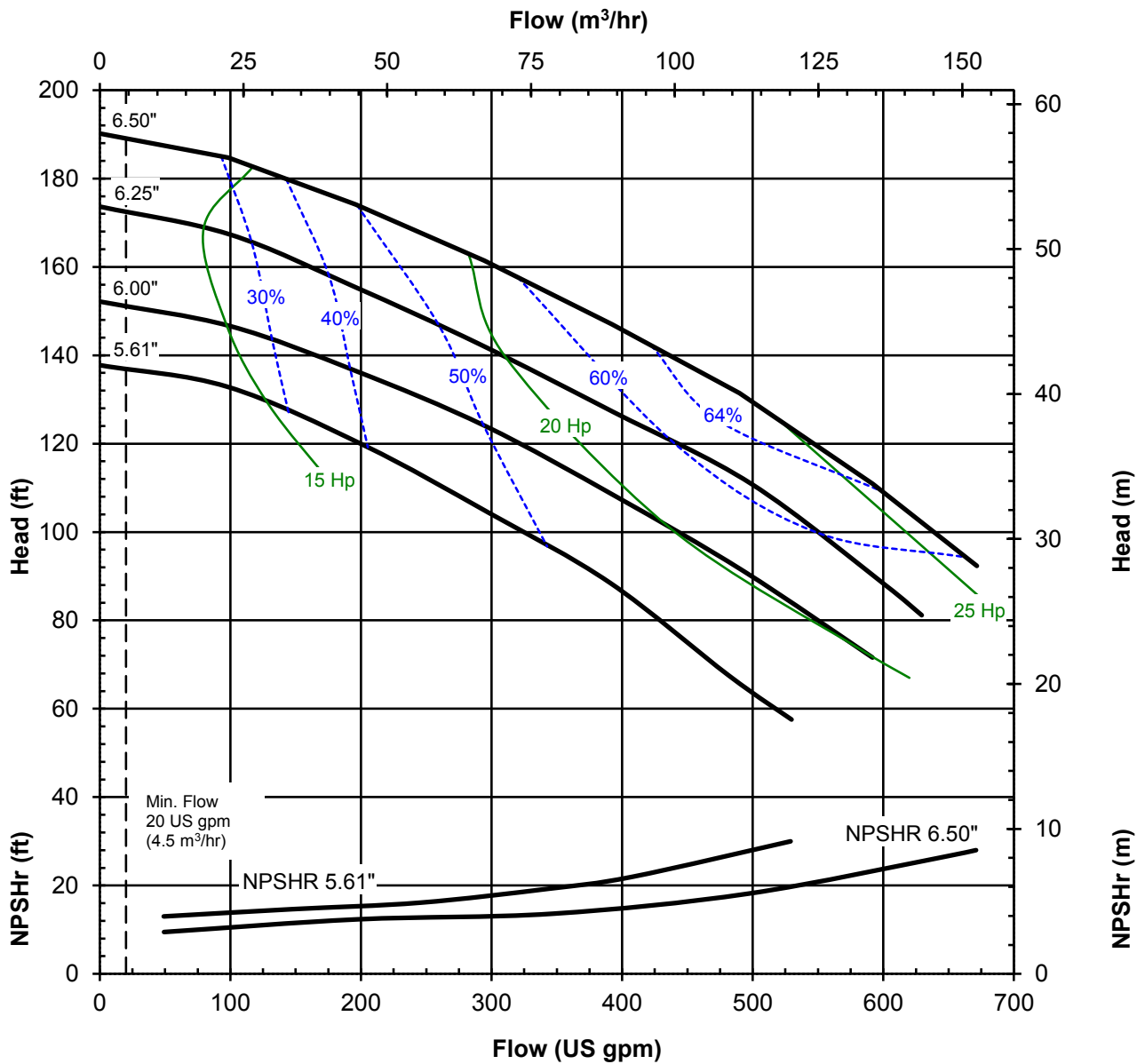


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC436**  
**3500 rpm, 60 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**

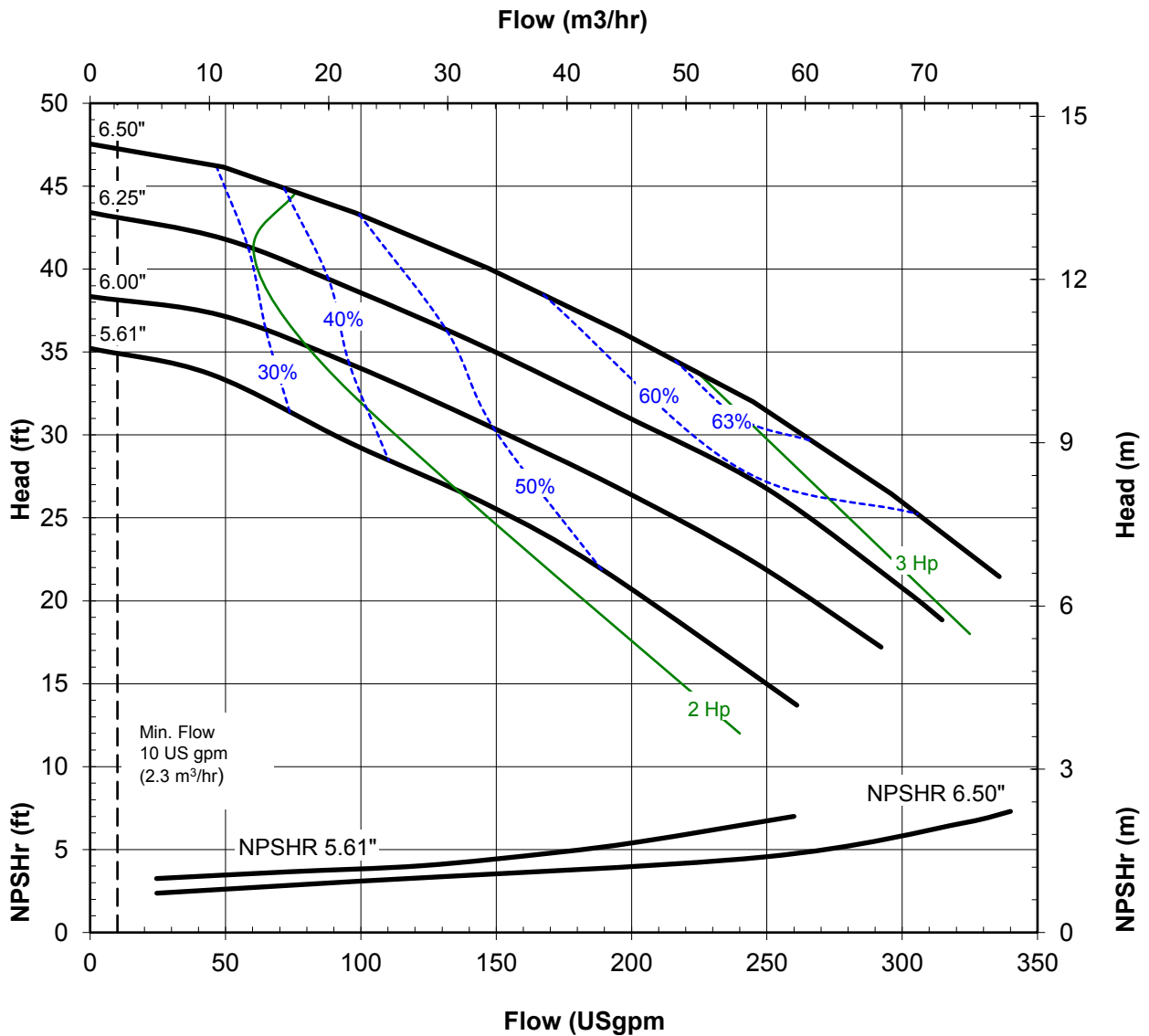


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC436**  
**1750 rpm, 60 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**

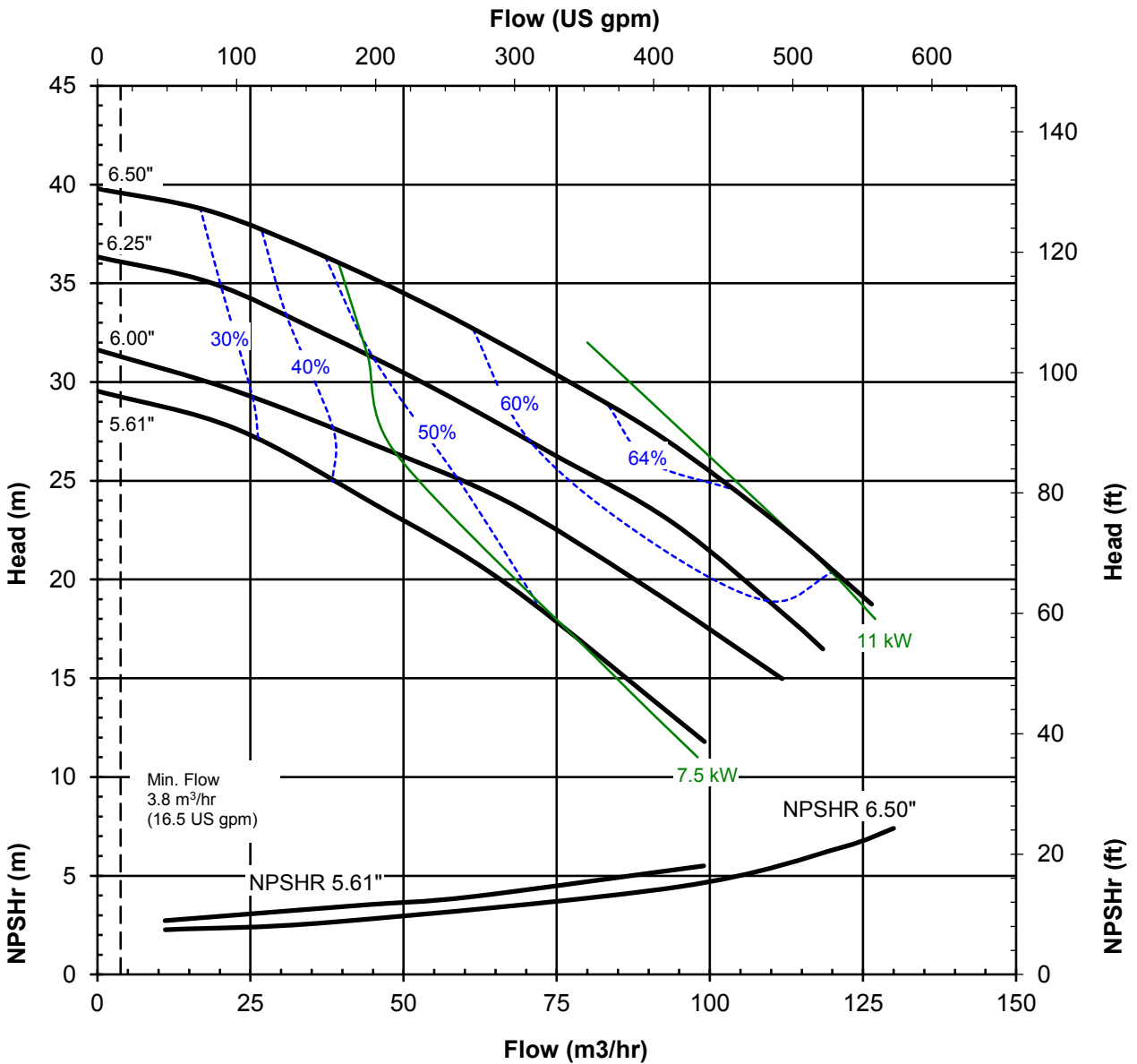


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC436**  
**2900 rpm, 50 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**

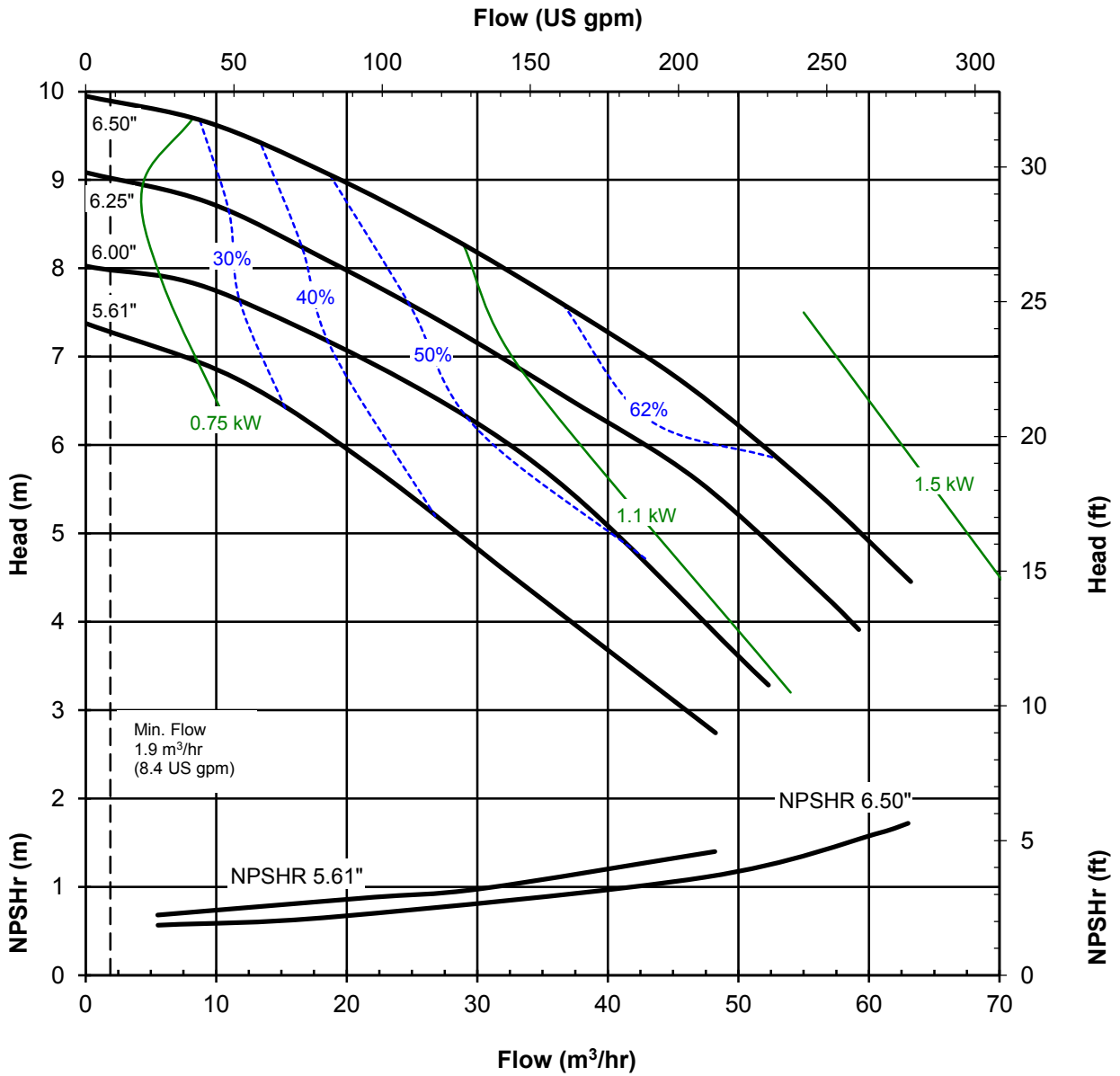


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC436**  
**1450 rpm, 50 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**

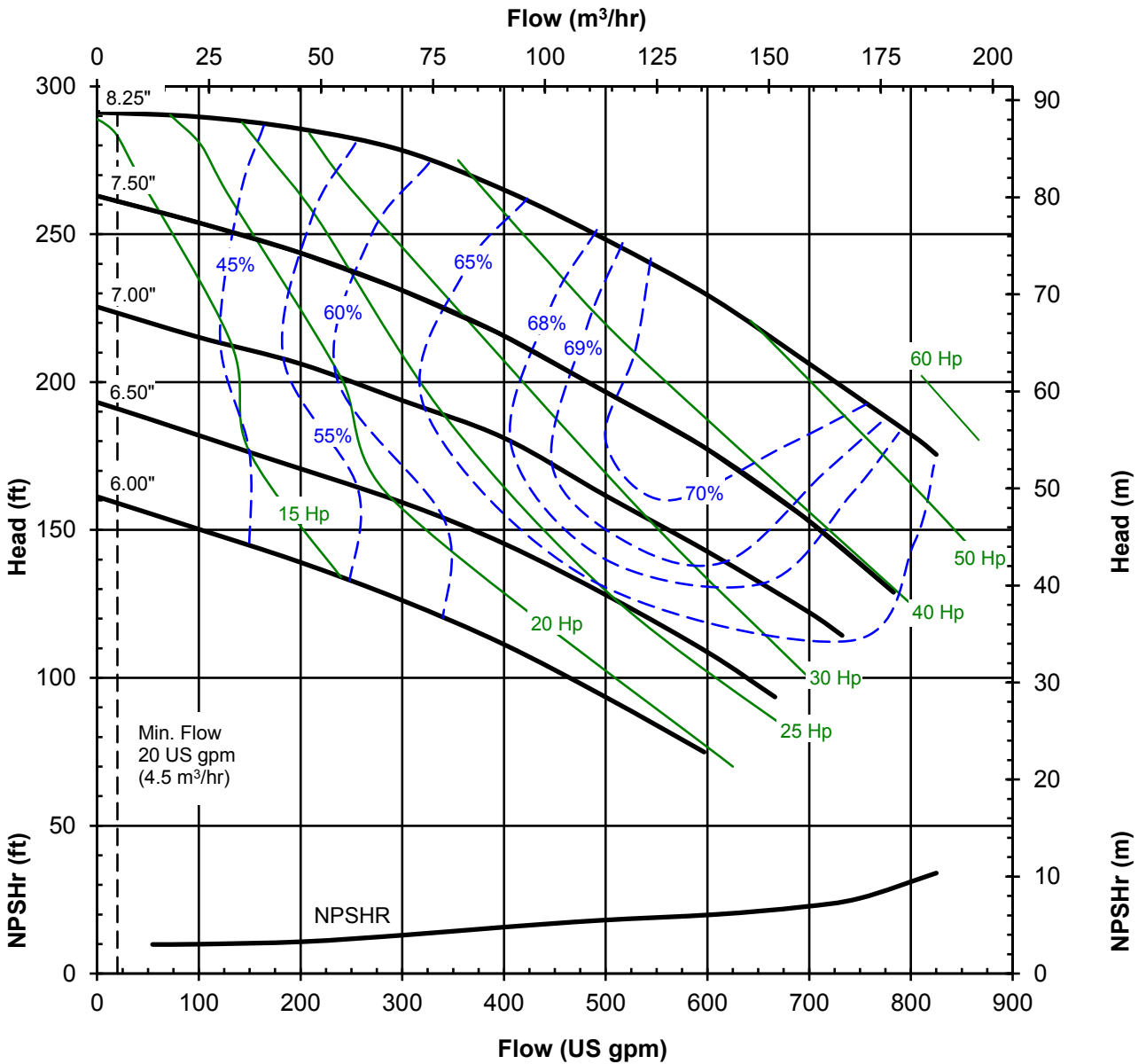


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC438**  
**3500 rpm, 60 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**

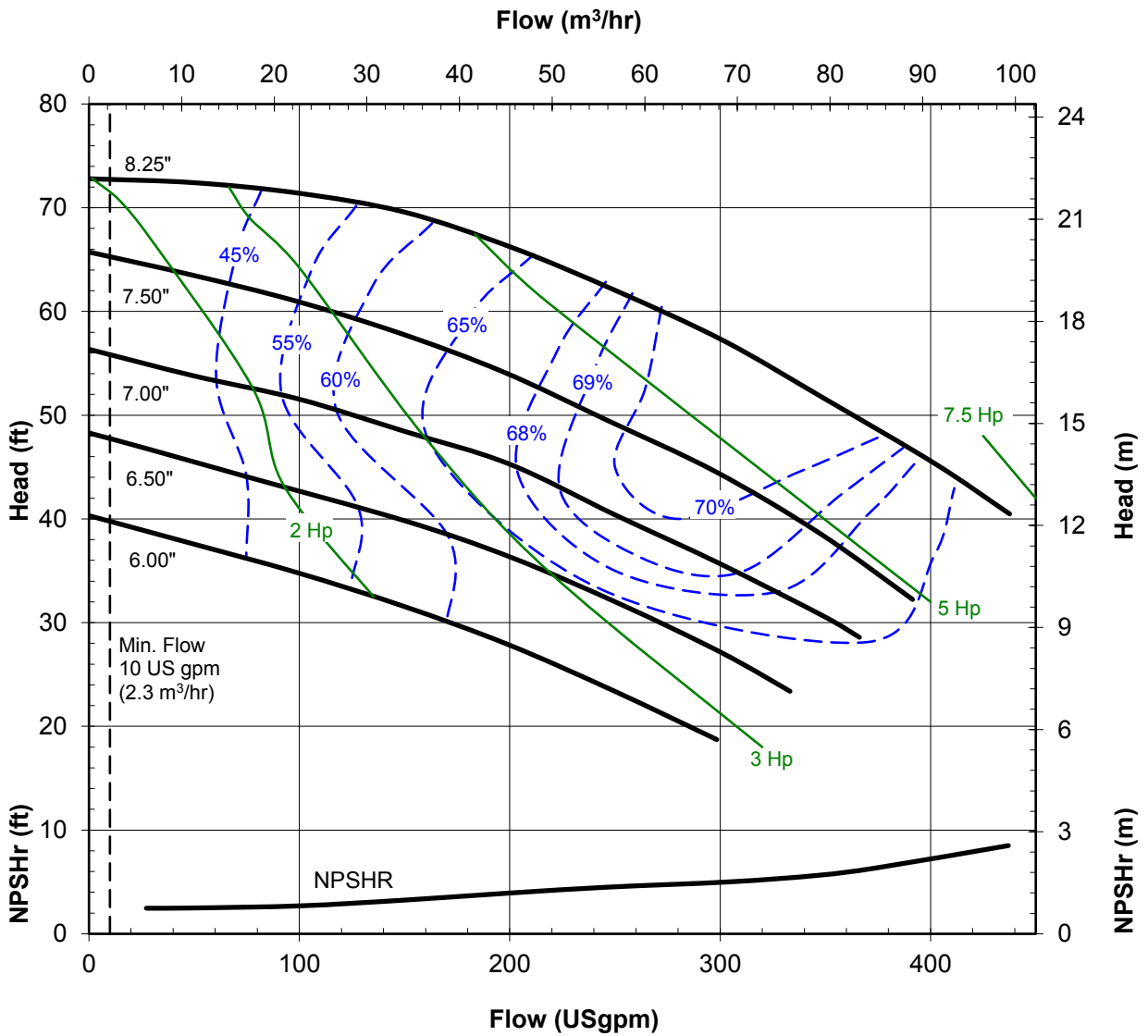


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC438**  
**1750 rpm, 60 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**

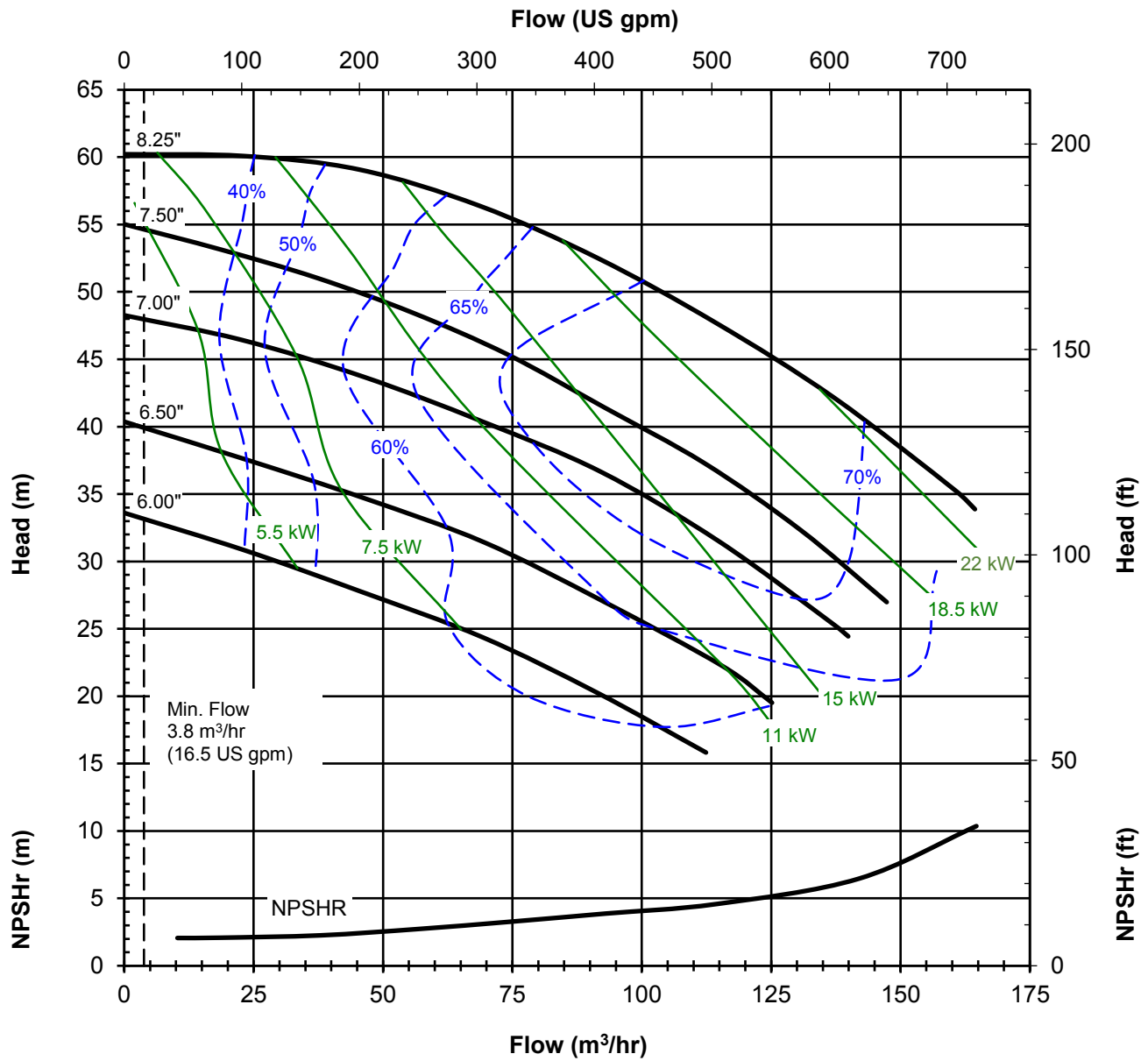


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC438**  
**2900 rpm, 50 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**



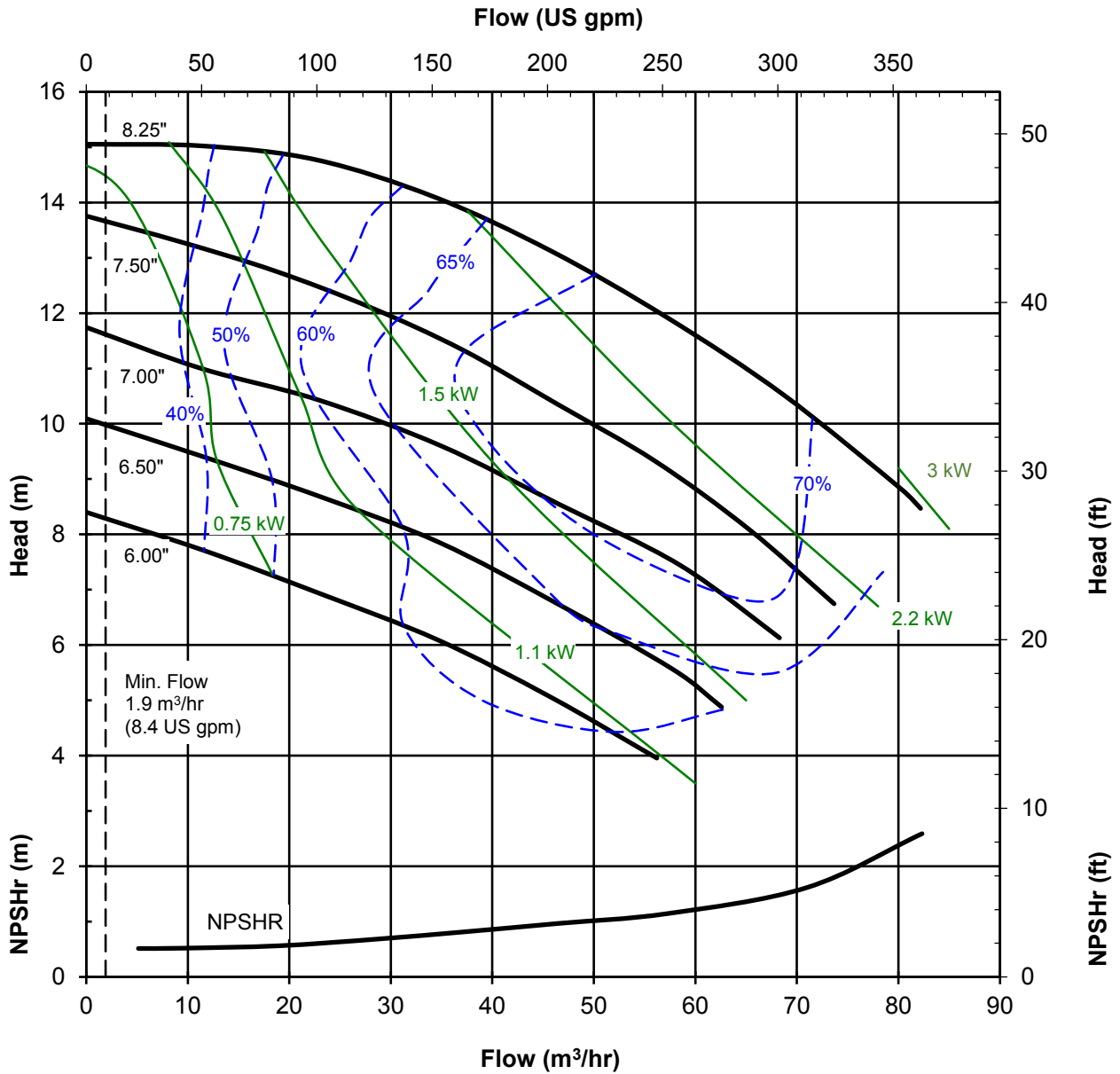
Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.





# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC438**  
**1450 rpm, 50 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**

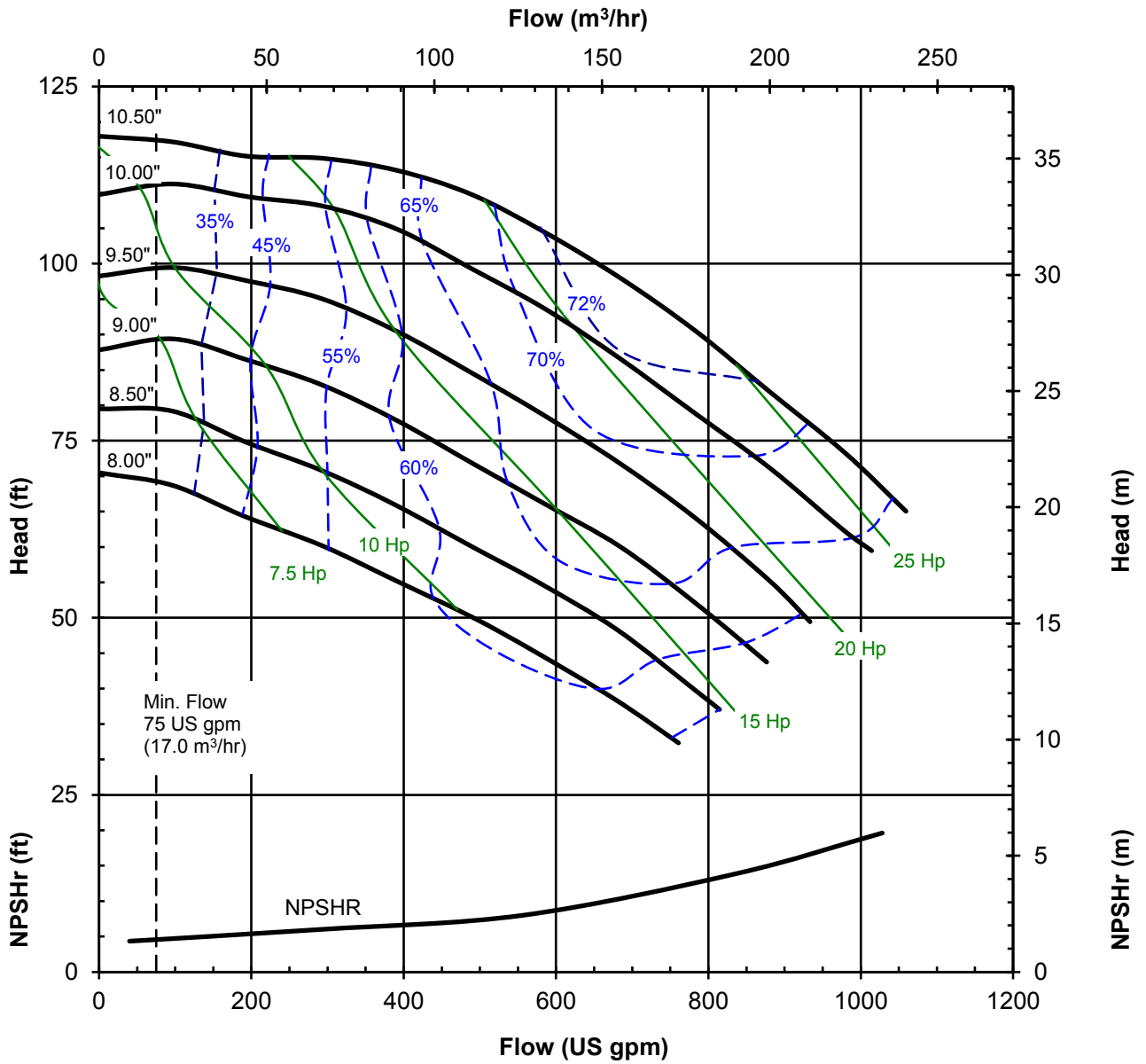


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC4310H**  
**1750 rpm, 60 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**

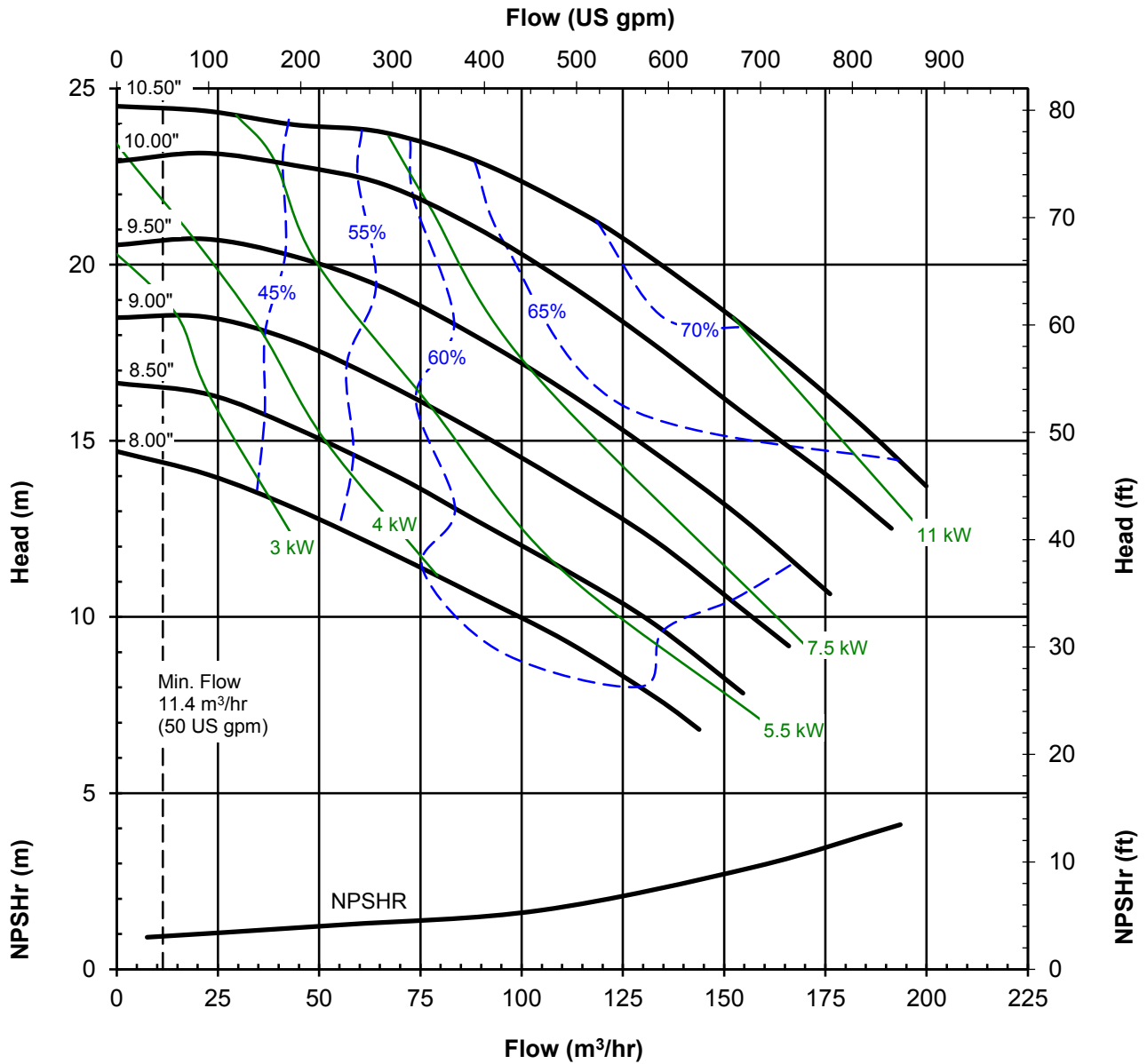


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC4310H**  
**1450 rpm, 50 Hz**  
**Suction: 4"**  
**Discharge: 3"**  
**S.G. 1.0**

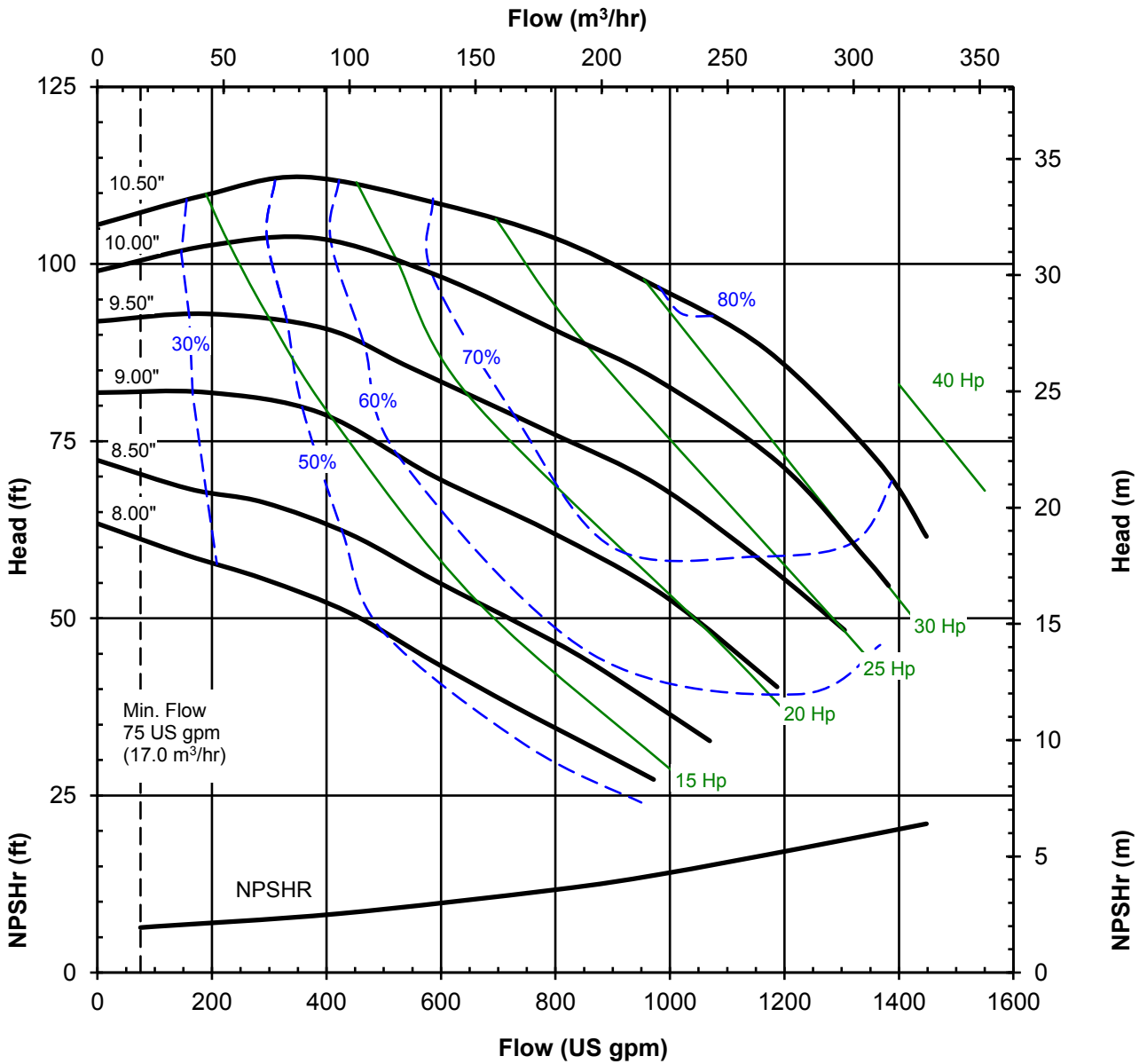


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC6410**  
**1750 rpm, 60 Hz**  
**Suction: 6"**  
**Discharge: 4"**  
**S.G. 1.0**

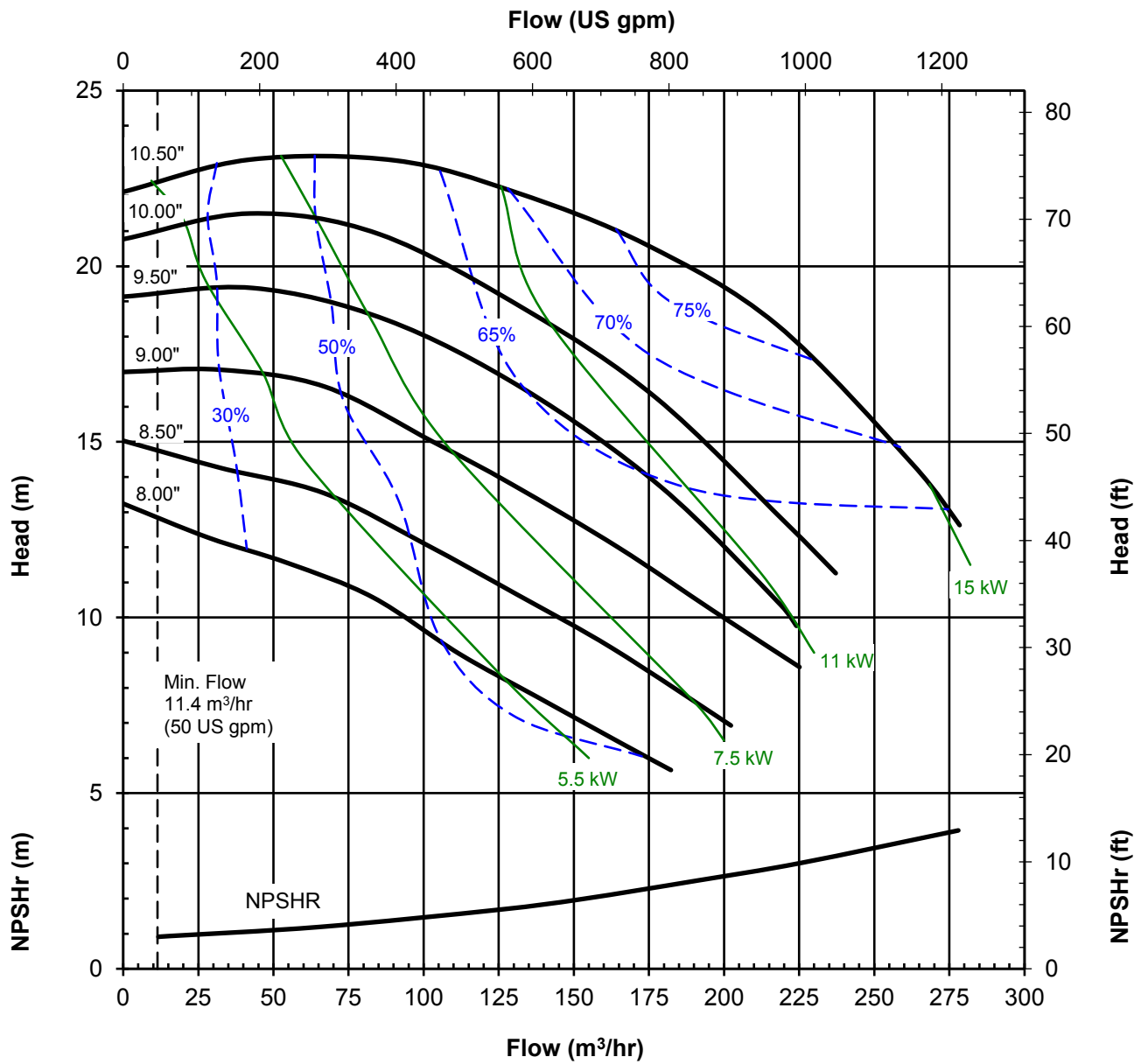


Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.



# UC SERIES STANDARD HORIZONTAL PERFORMANCE CURVE

**MODEL: UC6410**  
**1450 rpm, 50 Hz**  
**Suction: 6"**  
**Discharge: 4"**  
**S.G. 1.0**



Impeller trims are available in 1/8" diameter increments (ex: 4.13", 6.13") between all curves.