

## 10" WS SERIES SUBMERSIBLE TURBINE



### WS Series

#### **Webtrol's 10" WS Series Turbine**

All stainless steel line of 10" submersible pumps, which are designed for heavy duty and high volume pumping jobs.

The **WS** Series is made entirely of corrosion and abrasion resistant stainless steel.

A perfect choice for municipal water supply and distribution as well as agricultural irrigation and mine dewatering.

Heavy duty, built in check valve for maximum performance and longer life.

Motor mounting specification is in accordance with NEMA standards.

#### **Specifications**

- Flows to 1,400 GPM
- Heads to 1,800 feet.
- HP range: 15 - 250 HP, 60Hz



Powered By

**Franklin Electric**



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## 10" WS SERIES SUBMERSIBLE TURBINE

### Construction And Design Features



Precision cast 304 stainless steel **discharge head\*** provides a smooth flow transition with a minimum amount of restriction. Includes a built in, jam free, stainless steel check valve to prevent back flow of water.

A 304 stainless steel **impeller**, precision made to ensure optimal performance and offers superior resistance to abrasion.

Each **diffuser** bowl is crafted out of 304 stainless steel with a Buna-N rubber bearing in each stage.

The **pump shaft** is constructed from heavy duty, cold drawn, 431 stainless steel. Each shaft is produced to the highest standards for straightness and cut to precise lengths.

Every pump has a 304 stainless steel **strainer** to stop debris from entering the pump.

The **motor bracket** is cast from 304 stainless steel and allows mounting on a standard NEMA motor.

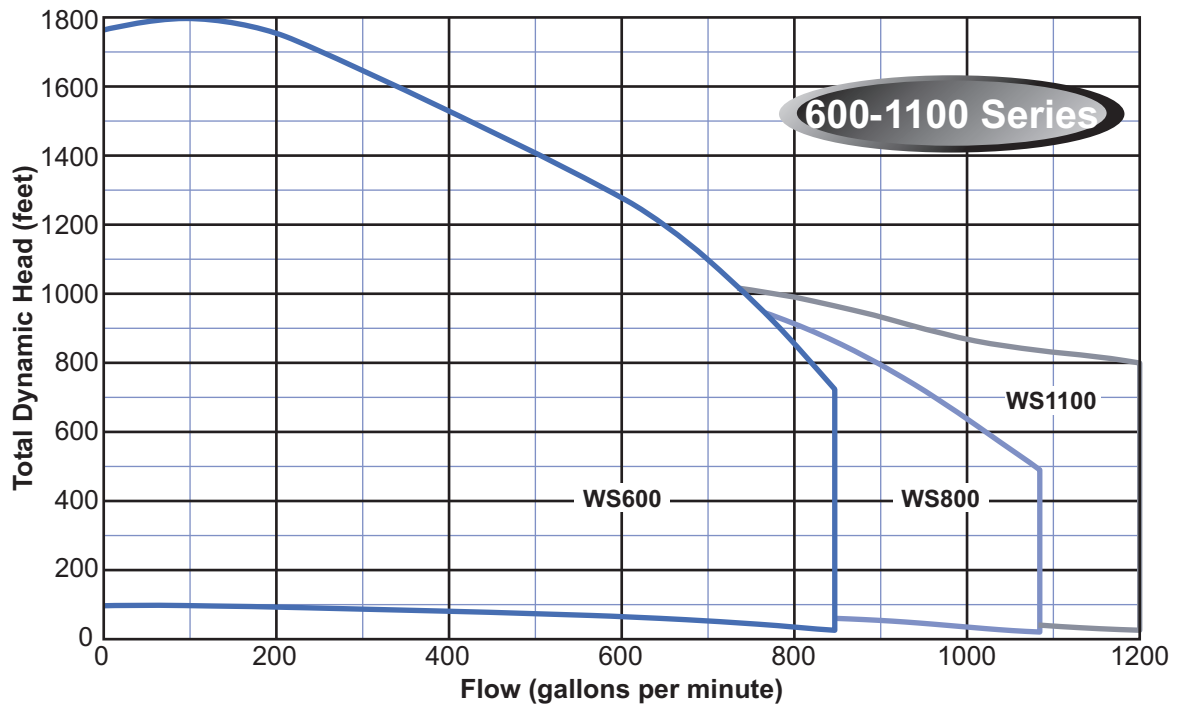
Series	*Discharge	O.D. (One Motor Lead)
WS600	6" NPT	8.31" - 6" Mtr. / 8.39" - 8" Mtr.
WS800	6" NPT	8.31" - 6" Mtr. / 8.39" - 8" Mtr.
WS1100	6" NPT	9.33" - 6" Mtr. / 9.33" - 8" Mtr.

See price pages for lengths and weights.



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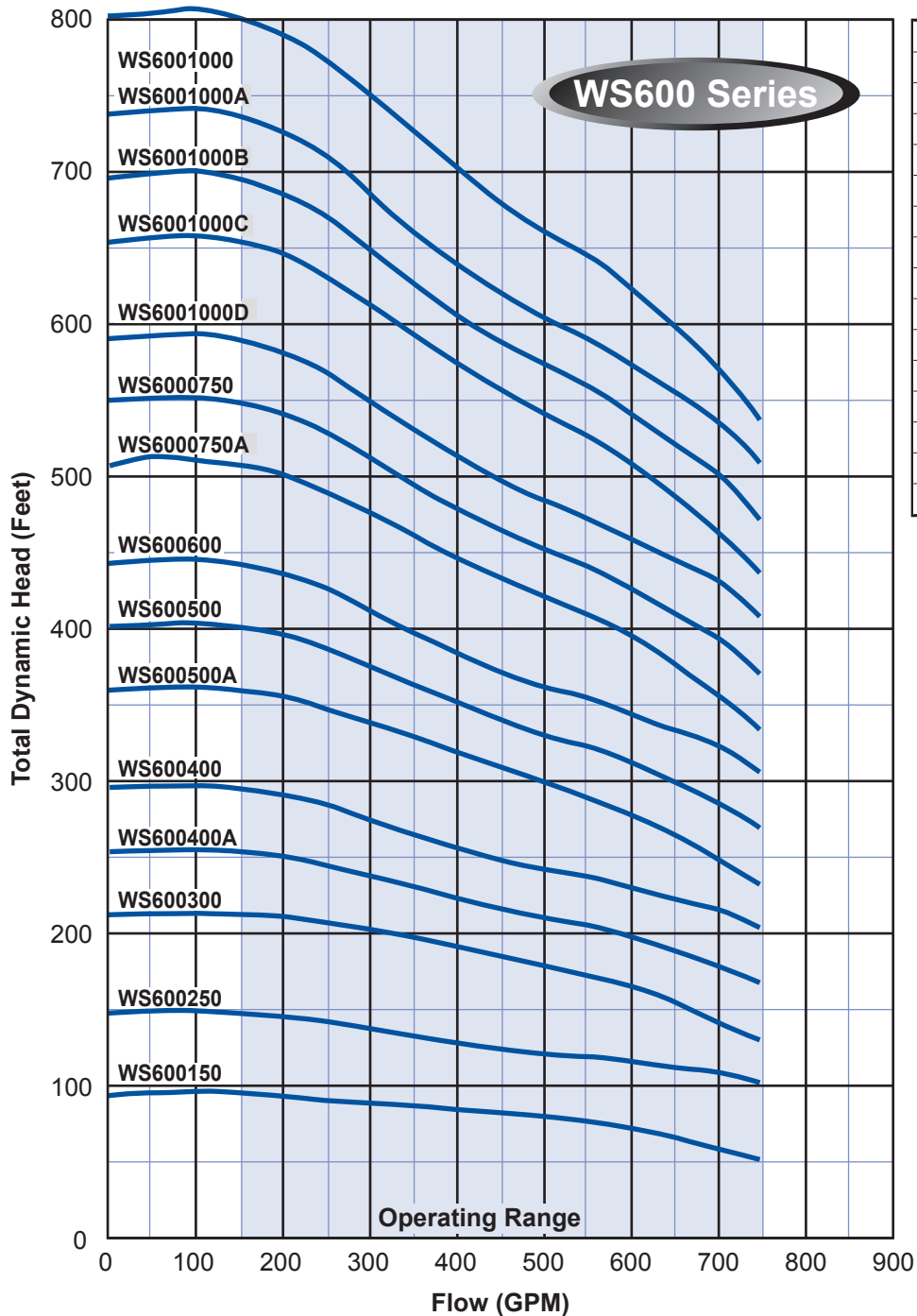
## 10" WS SERIES SUBMERSIBLE TURBINE FAMILY CURVES





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## 10" WS SERIES SUBMERSIBLE TURBINE CURVES



MODEL NO.	HP	STAGES
WS600150	15.0	1-A
WS600250	25.0	1
WS600300	30.0	2-AA
WS600400A	40.0	2-A
WS600400	40.0	2
WS600500A	50.0	3-AA
WS600500	50.0	3-A
WS600600	60.0	3
WS6000750A	75.0	4-AA
WS6000750	75.0	4-A
WS6001000D	100.0	4
WS6001000C	100.0	5-AA
WS6001000B	100.0	5-A
WS6001000A	125.0	5
WS6001000	125.0	6-AA

### MODEL NO.: WS600400A4C3

Series/Nominal Rated Flow  
(GPM)

Horsepower  
Divide by 10 for Rated Motor Horsepower  
(Example 20 ÷ 10 = 2.0 or 2HP)

Impeller Trim

Voltage  
1 = 115V 8 = 200V 2 = 230V 4 = 460V 5 = 575V

Wire/Control  
Blank = 2 wire C = Optional Control

Phase (PH)  
Blank = 1PH 3 = 3PH

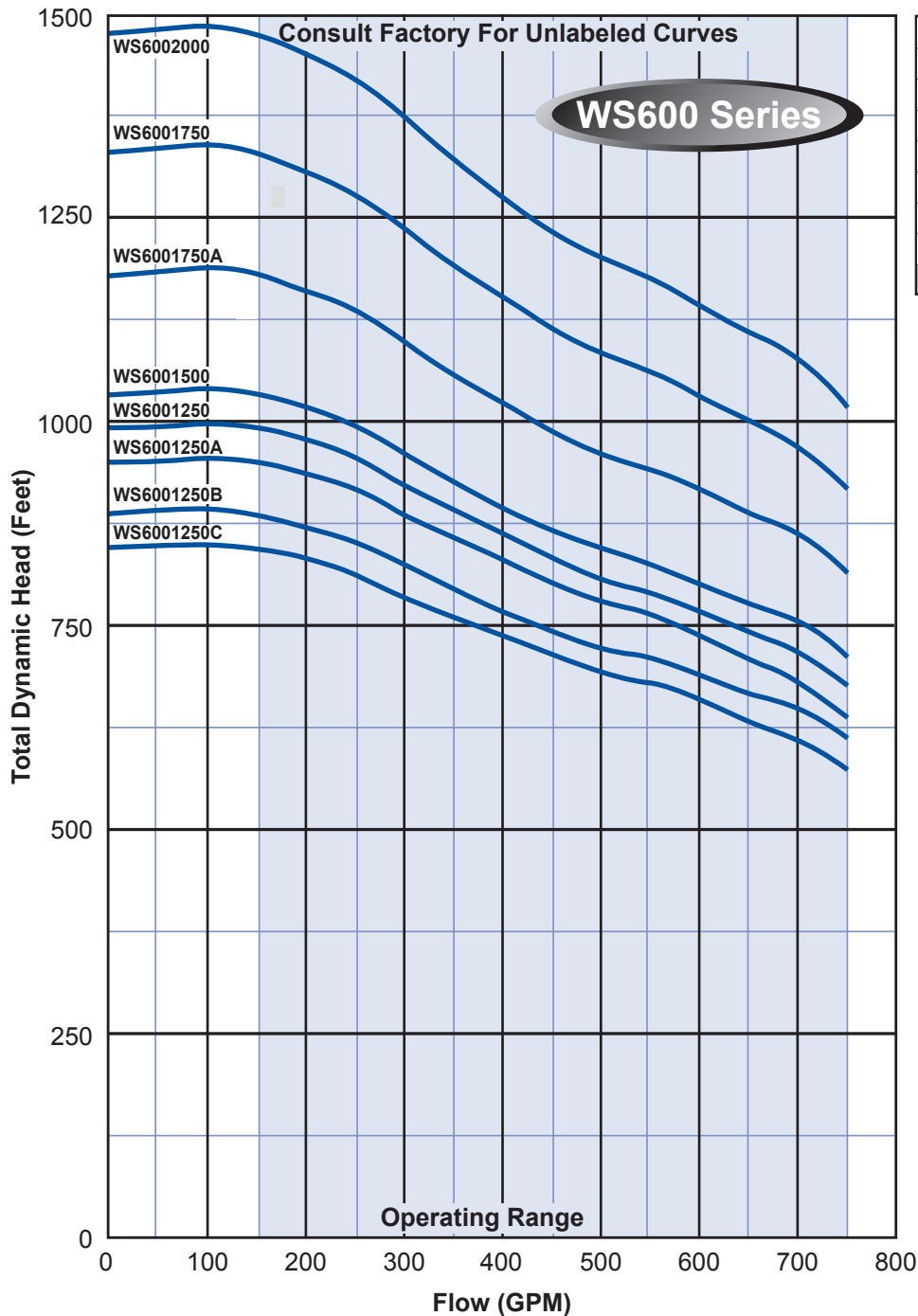
#### Note:

These curves are based on factory tests when pumping clear, fresh, non-aerated water at a temperature not exceeding 85°F. Due to production tolerances, these curves can vary plus or minus five percent.



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## 10" WS SERIES SUBMERSIBLE TURBINE CURVES



MODEL NO.	HP	STAGES
WS6001250C	125.0	6-A
WS6001250b	125.0	6
WS6001250A	125.0	7-AA
WS6001250	125.0	7-A
WS6001500	150.0	7
WS6001750A	175.0	8
WS6001750	175.0	9
WS6002000	200.0	10

### MODEL NO.: WS6001250C4C3

Series/Nominal Rated Flow  
(GPM)

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Impeller Trim

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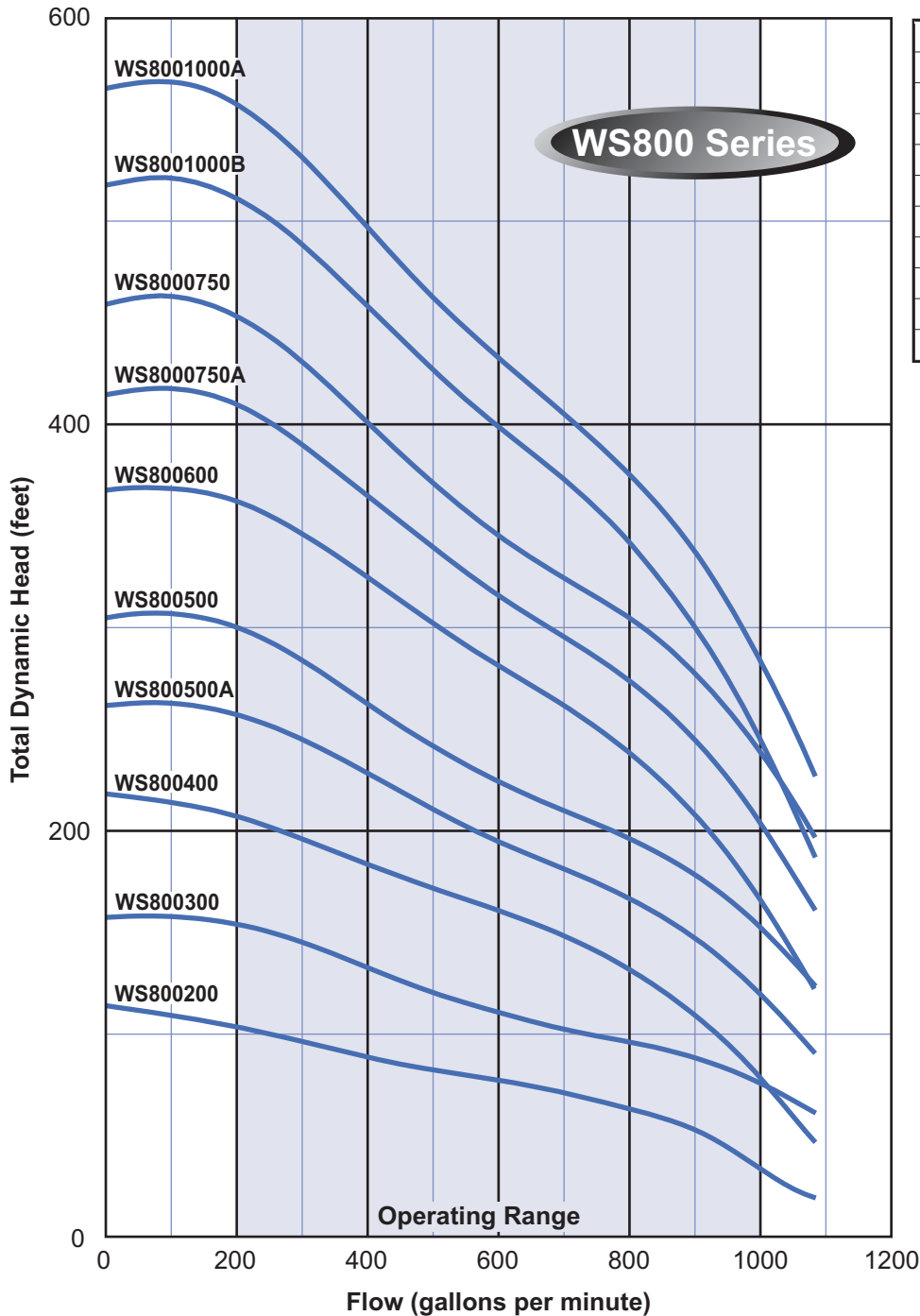
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## 10" WS SERIES SUBMERSIBLE TURBINE CURVES



MODEL NO.	HP	STAGES
WS800200	20.0	1-A
WS800300	30.0	1
WS800400	40.0	2-AA
WS800500A	50.0	2-A
WS800500	50.0	2
WS800600	60.0	3-AA
WS8000750A	75.0	3-A
WS8000750	75.0	3
WS8001000B	100.0	4-AA
WS8001000A	100.0	4-A

### MODEL NO.: WS800500A4C3

Series/Nominal Rated Flow (GPM)

Horsepower  
Divide by 10 for Rated Motor Horsepower  
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Impeller Trim

Voltage  
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Wire/Control  
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Phase (PH)  
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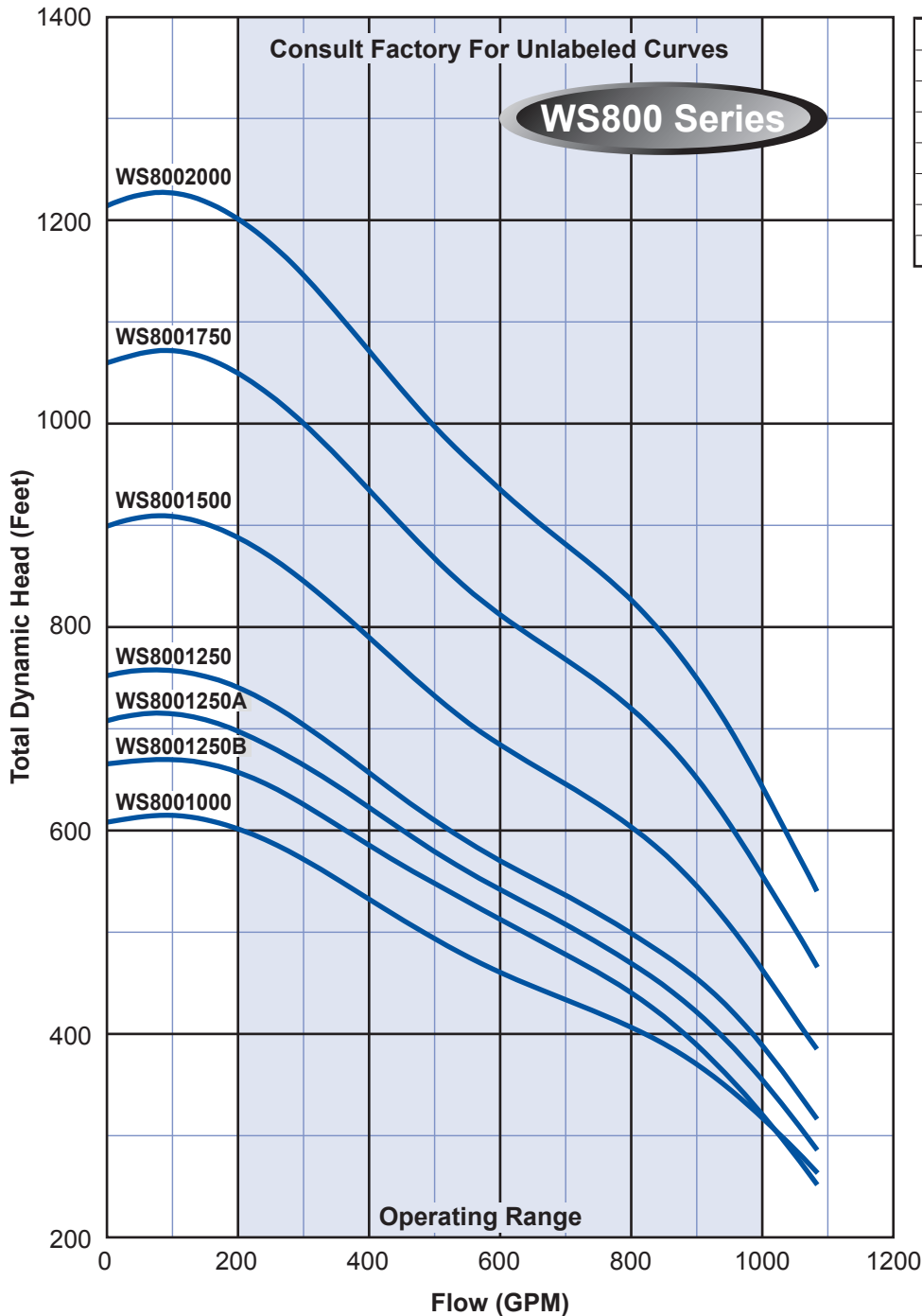
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## 10" WS SERIES SUBMERSIBLE TURBINE CURVES



MODEL NO.	HP	STAGES
WS8001000	100.0	4
WS8001250B	125.0	5-AA
WS8001250A	125.0	5-A
WS8001250	125.0	5
WS8001500	150.0	6
WS8001750	175.0	7
WS8002000	200.0	8

### MODEL NO.: WS8001250B4C3

Series/Nominal Rated Flow  
(GPM)

Horsepower  
Divide by 10 for Rated Motor Horsepower  
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Impeller Trim

Voltage  
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Wire/Control  
Blank = 2 wire C = Optional Control

Phase (PH)  
Blank = 1PH 3 = 3PH

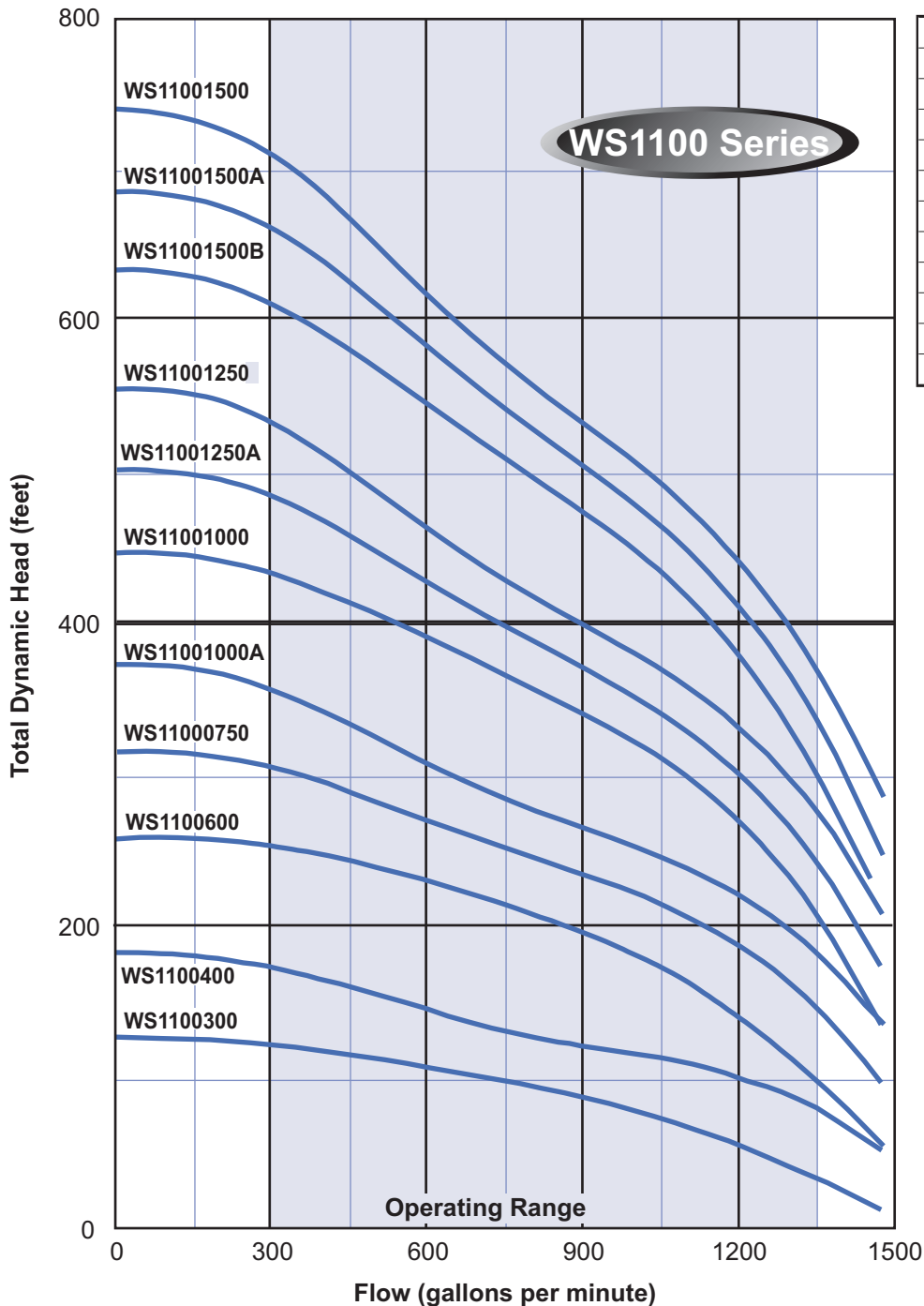
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## 10" WS SERIES SUBMERSIBLE TURBINE CURVES



MODEL NO.	HP	STAGES
WS1100300	30.0	1-A
WS1100400	40.0	1
WS1100600	60.0	2-AA
WS1100750	75.0	2-A
WS11001000A	100.0	2
WS11001000	100.0	3-AA
WS11001250A	125.0	3-A
WS11001250	125.0	3
WS11001500B	150.0	4-AA
WS11001500A	150.0	4-A
WS11001500	150.0	4

**MODEL NO.: WS11001000A4C3**

Series/Nominal Rated Flow  
(GPM)

Horsepower  
Divide by 10 for Rated Motor Horsepower  
(Example 20 ÷ 10 = 2.0 or 2HP)

Impeller Trim

Voltage  
1 = 115V 8 = 200V 2 = 230V 4 = 460V 5 = 575V

Wire/Control  
Blank = 2 wire C = Optional Control

Phase (PH)  
Blank = 1PH 3 = 3PH

**Note:**

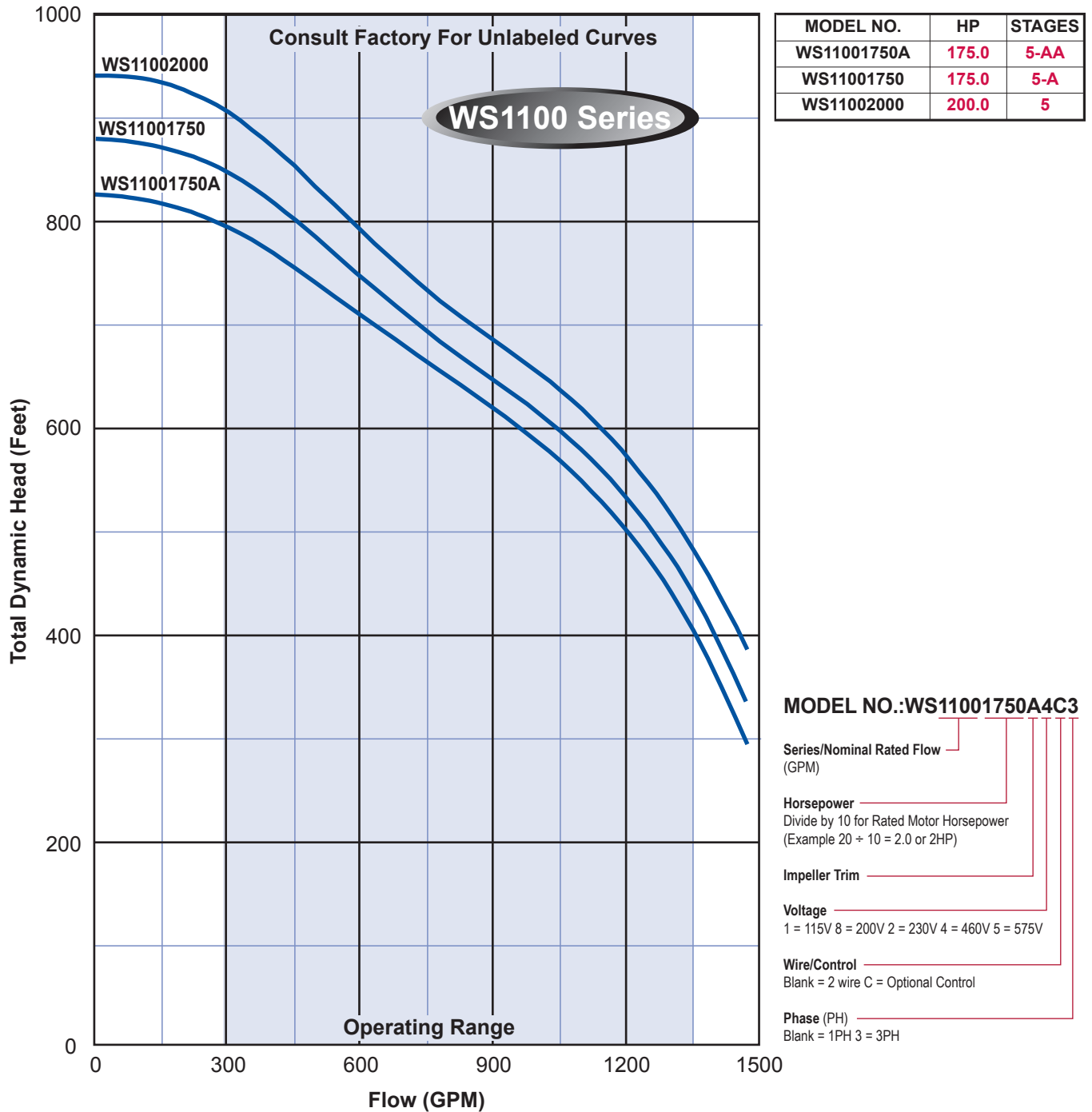
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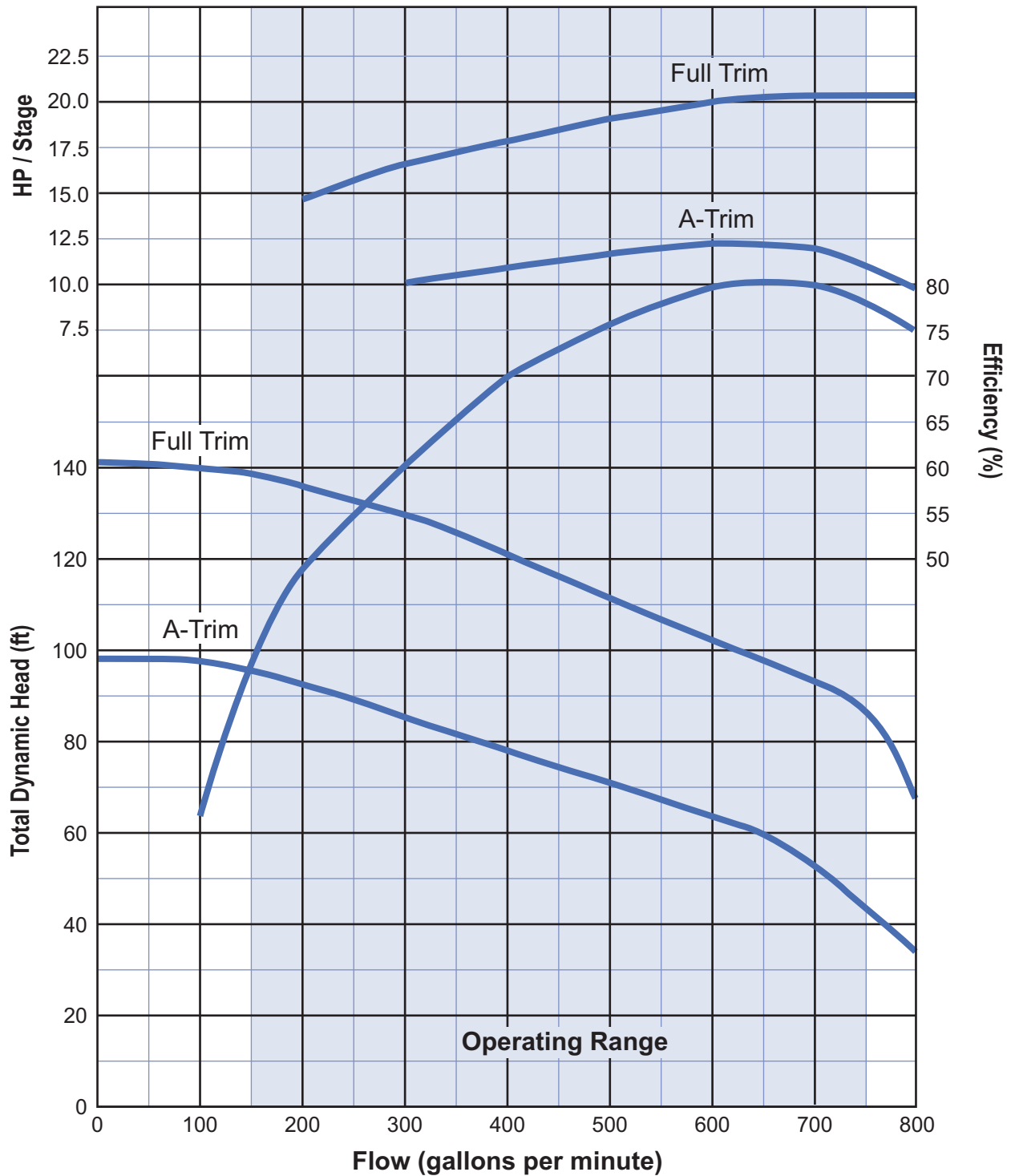
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## 10" WS 600 SERIES HP / EFF CURVE



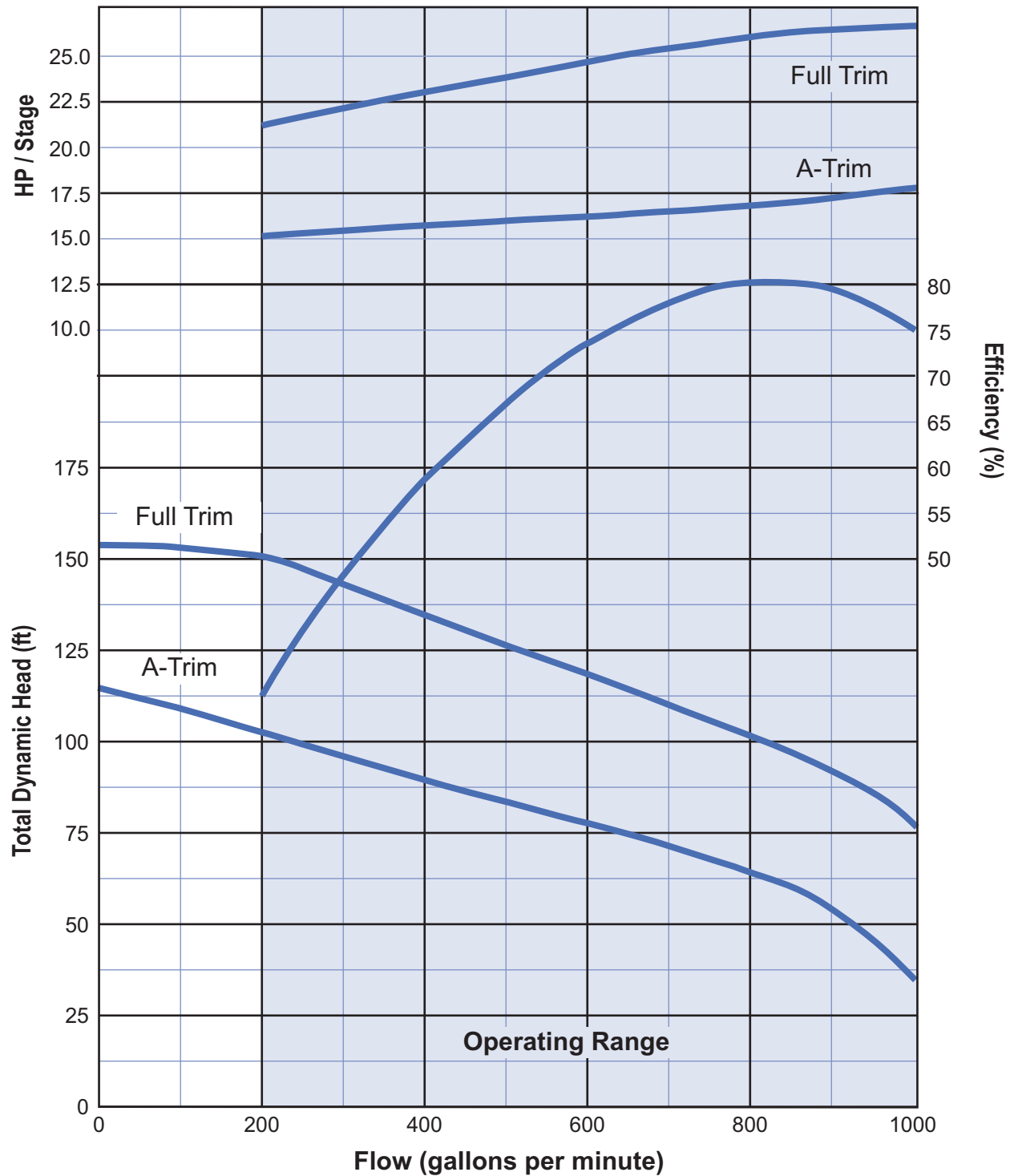
**Note:**

These curves are based on single stage, factory tests when pumping clear, fresh, non-aerated water at a temperature not exceeding 85°F. Due to production tolerances, these curves can vary plus or minus five percent.



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## 10" WS 800 SERIES HP / EFF CURVE



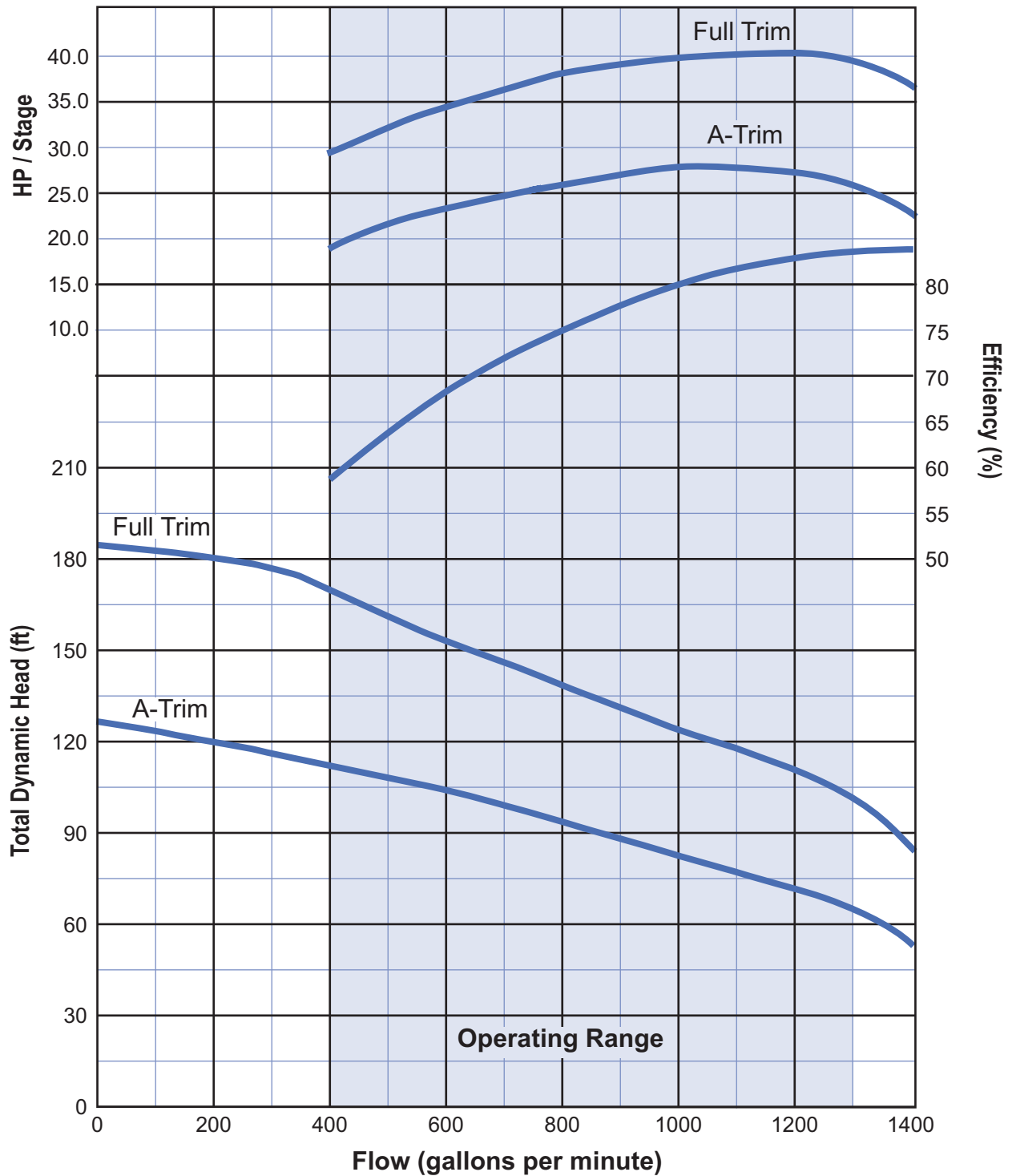
**Note:**

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## 10" WS 1100 SERIES HP / EFF CURVE



**Note:**

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