

10" WS SERIES SUBMERSIBLE TURBINE



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 1,050 GPM.
- up to 1,400 GPM on request.
- Heads to 1,800 feet.
- HP range: 15 - 250 HP, 60Hz



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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.

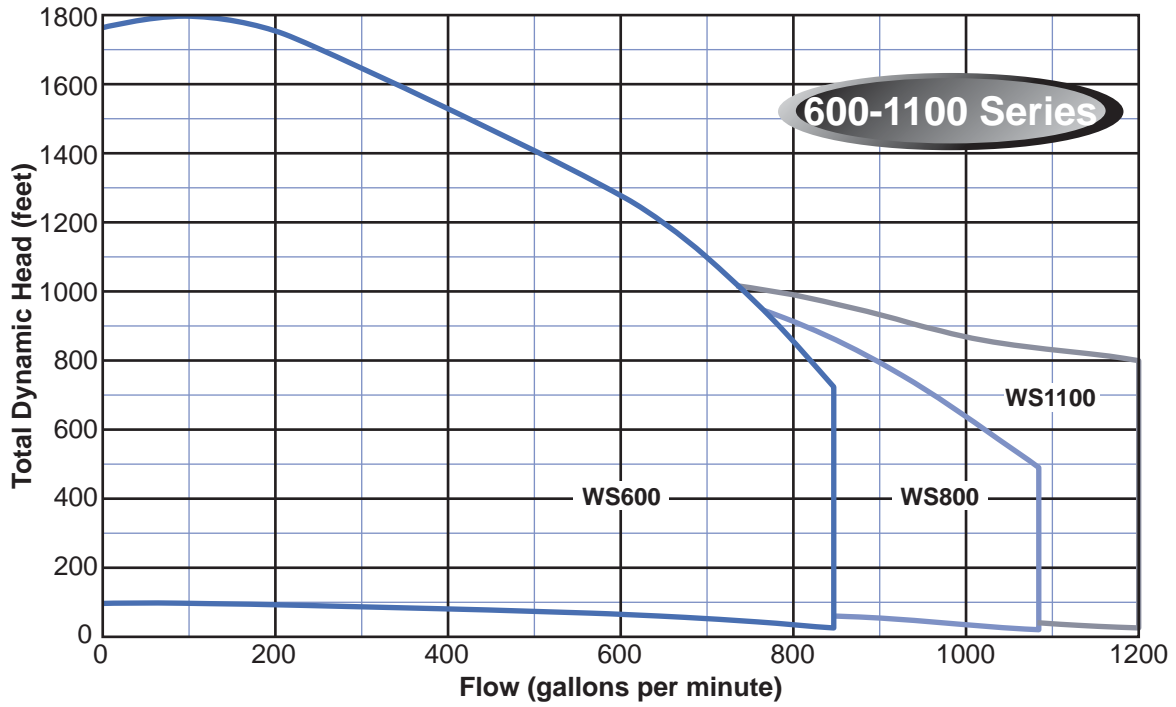
Every pump has a 304 stainless steel **strainer** to stop debris from entering the pump.

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

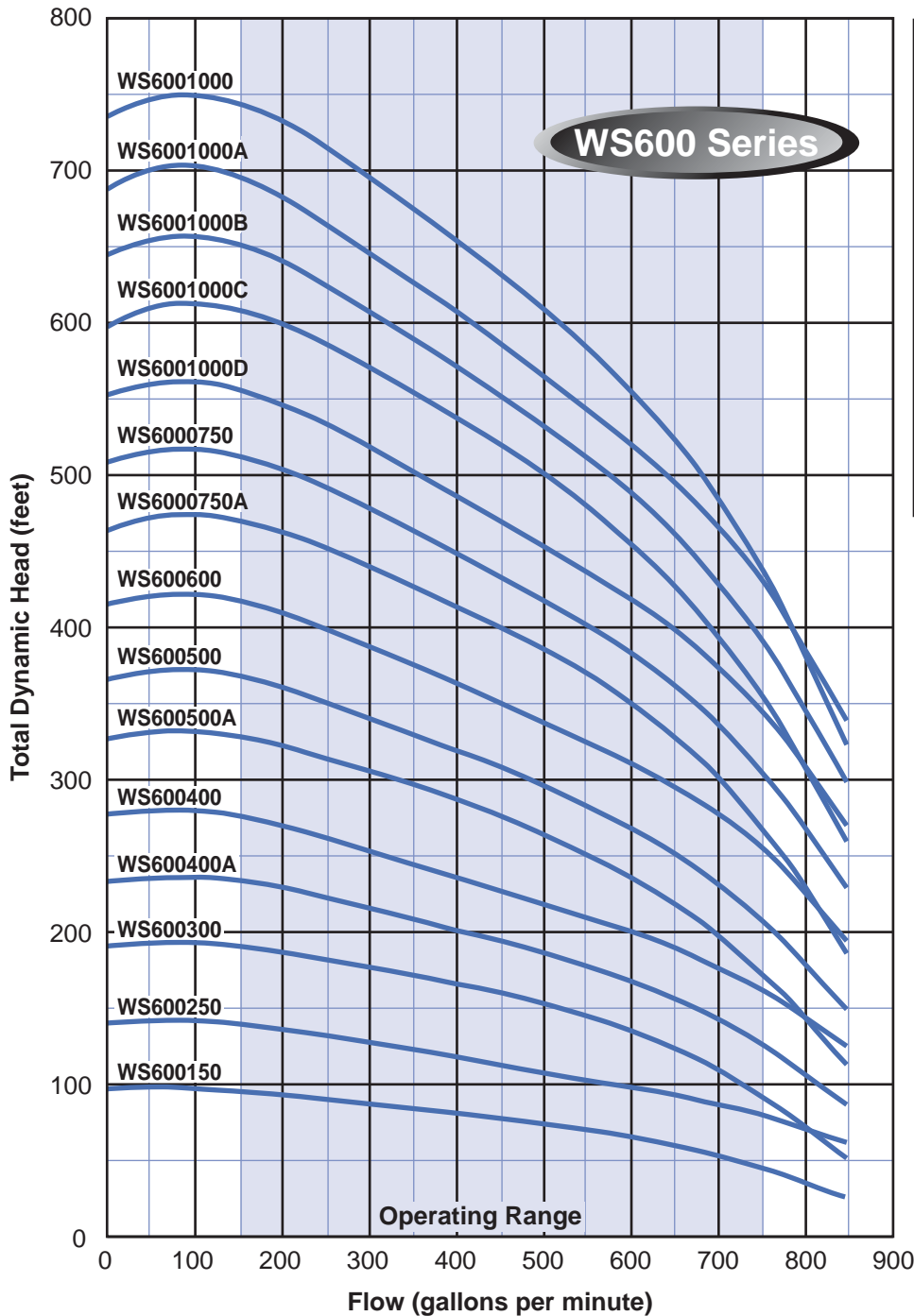
Series	*Discharge	O.D. (One Motor Lead)
WS600	6" NPT	8.31" - 6" Mtr. / 8.39" - 8" Mtr.
WS800	6" NPT	8.31" - 6" Mtr. / 8.39" - 8" Mtr.
WS1100	6" NPT	9.33" - 6" Mtr. / 9.33" - 8" Mtr.

See price pages for lengths and weights.

10" WS SERIES SUBMERSIBLE TURBINE FAMILY CURVES



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	100.0	5
WS6001000	100.0	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

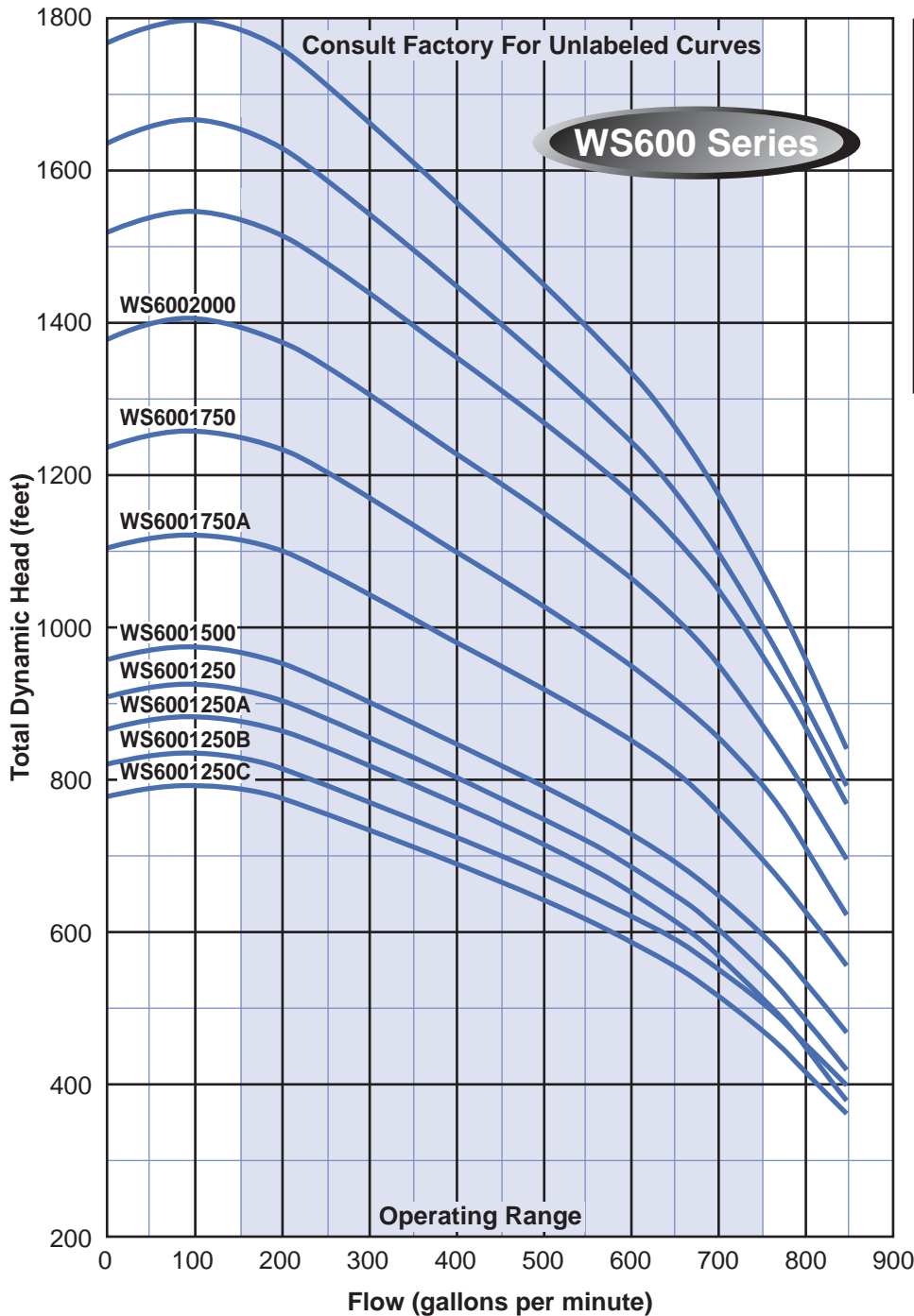
Wire/Control
Blank = 2 wire C = Optional Control

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.

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
WS6002500B	250.0	11
WS6002500A	250.0	12
WS6002500	250.0	13

MODEL NO.: WS6001250C4C3

Series/Nominal Rated Flow (GPM)

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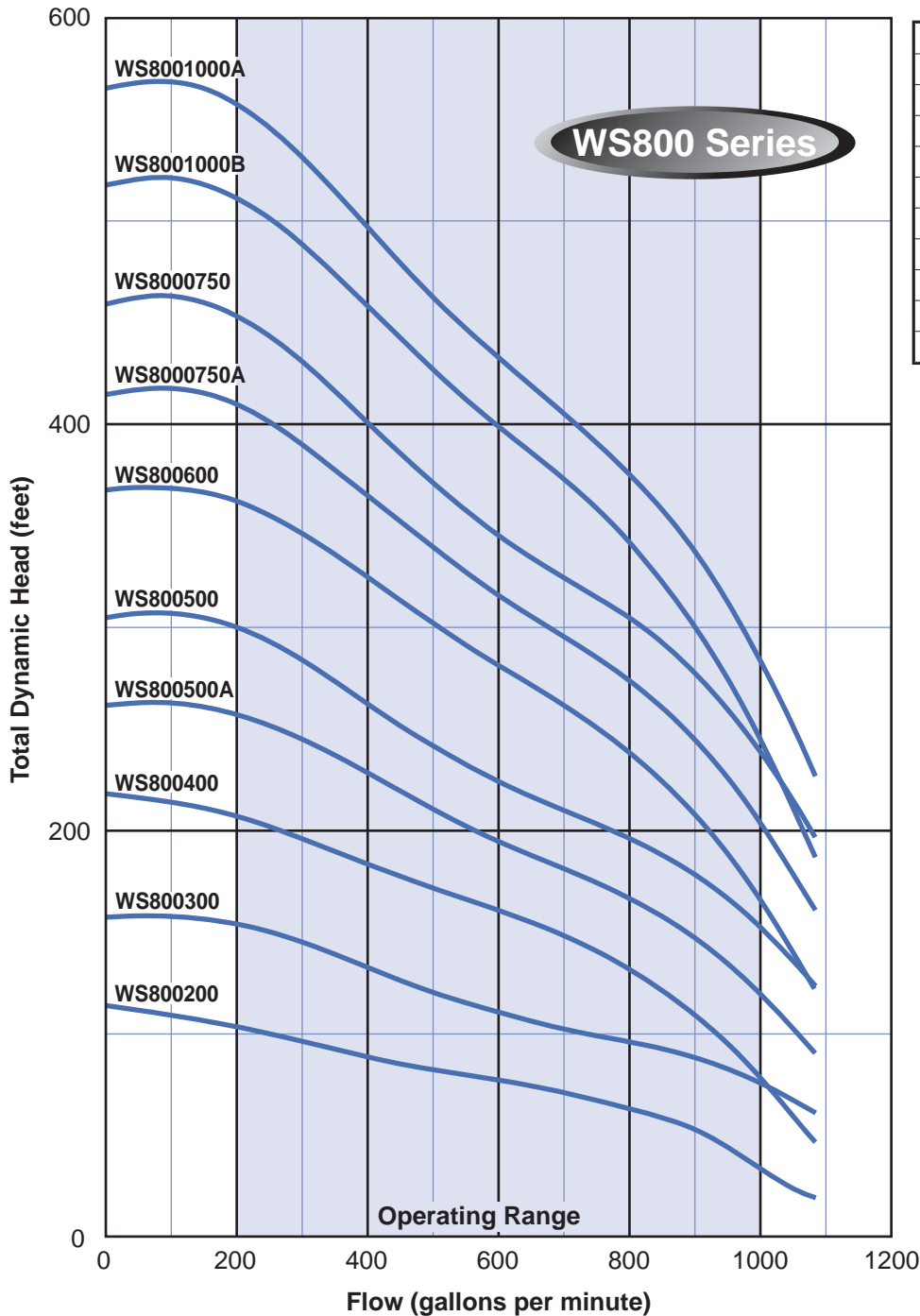
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MODEL NO.	HP	STAGES
WS800200	20.0	1-A
WS800300	30.0	1
WS800400	40.0	2-AA
WS800500A	50.0	2-A
WS800500	50.0	2
WS800600	60.0	3-AA
WS8000750A	75.0	3-A
WS8000750	75.0	3
WS8001000B	100.0	4-AA
WS8001000A	100.0	4-A

MODEL NO.: WS800500A4C3

Series/Nominal Rated Flow (GPM) _____

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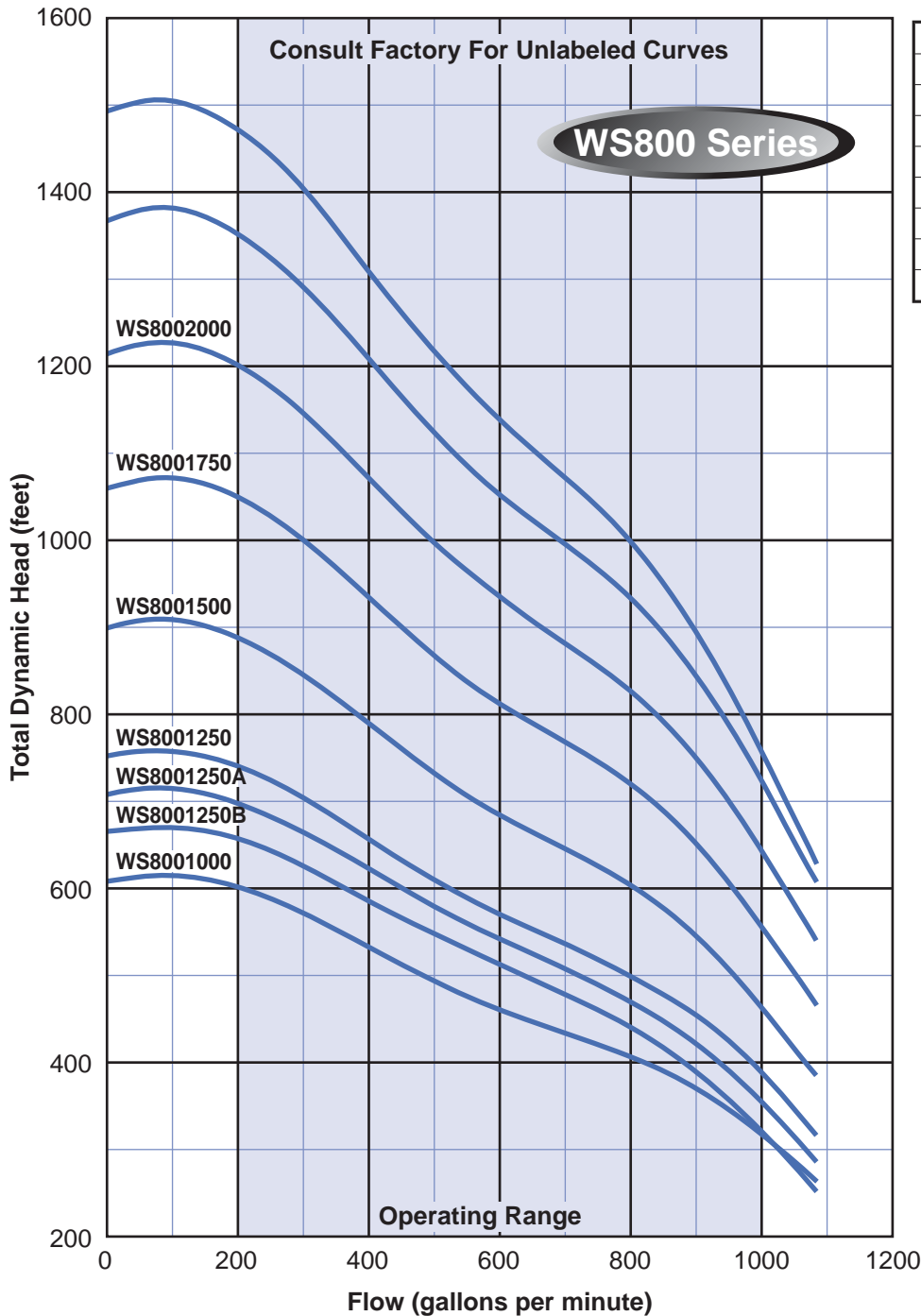
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10" WS SERIES SUBMERSIBLE TURBINE CURVES



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
WS8002500	250.0	9

MODEL NO.: WS8001250B4C3

Series/Nominal Rated Flow (GPM)

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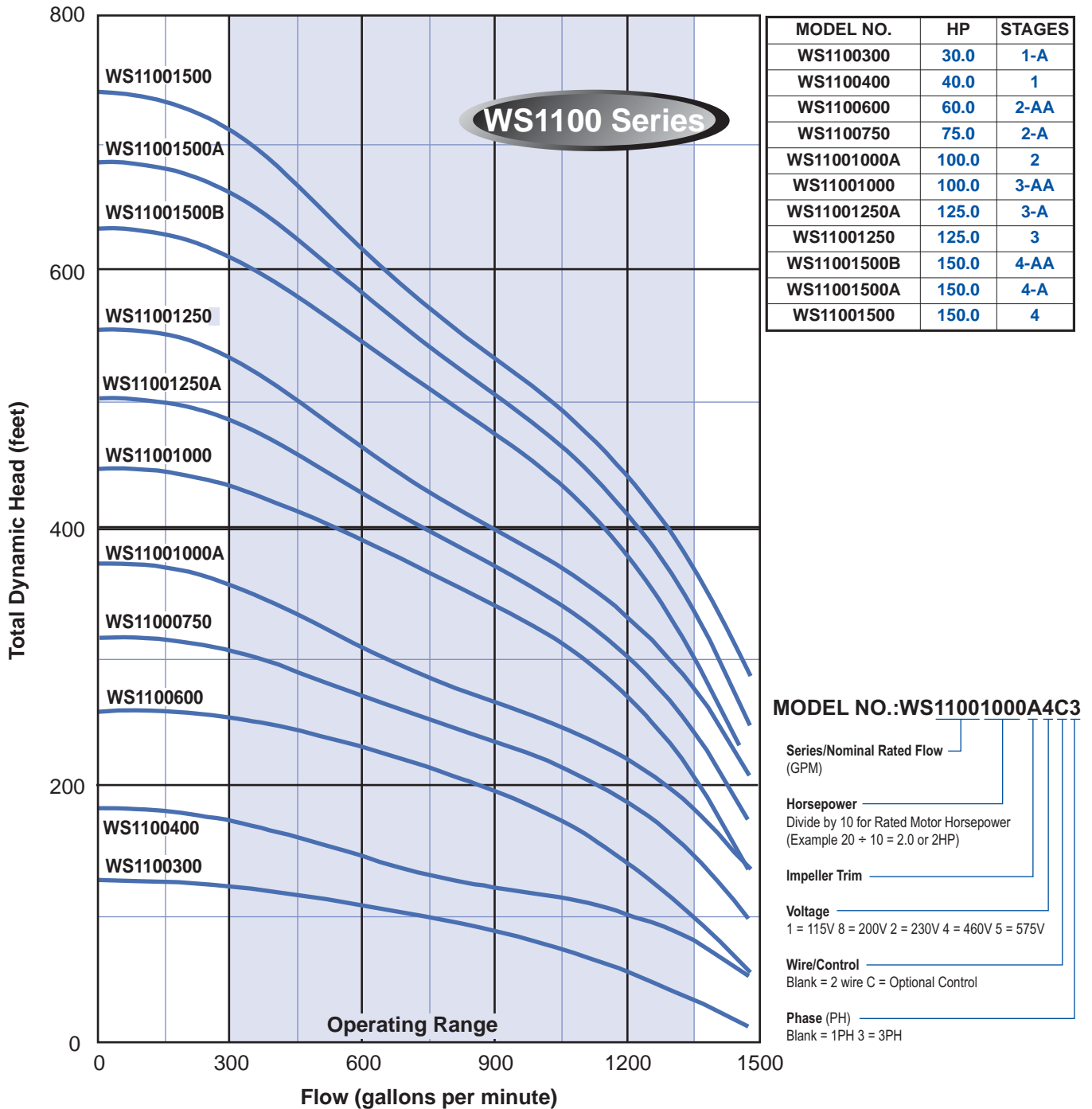
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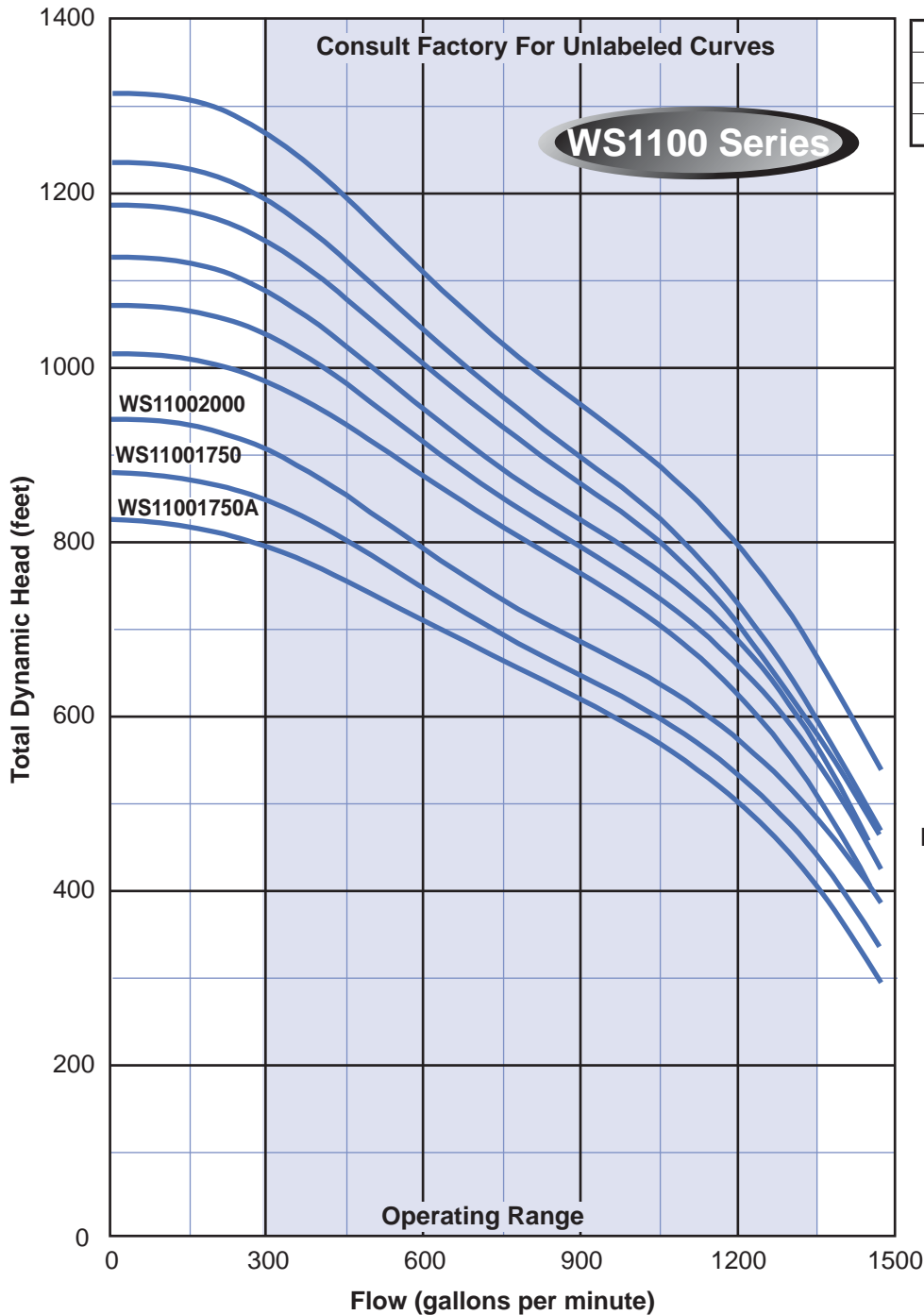
10" WS SERIES SUBMERSIBLE TURBINE CURVES



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10" WS SERIES SUBMERSIBLE TURBINE CURVES



MODEL NO.	HP	STAGES
WS11001750A	175.0	5-AA
WS11001750	175.0	5-A
WS11002000	200.0	5

MODEL NO.: WS11001750A4C3

Series/Nominal Rated Flow (GPM)

Horsepower
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Impeller Trim

Voltage
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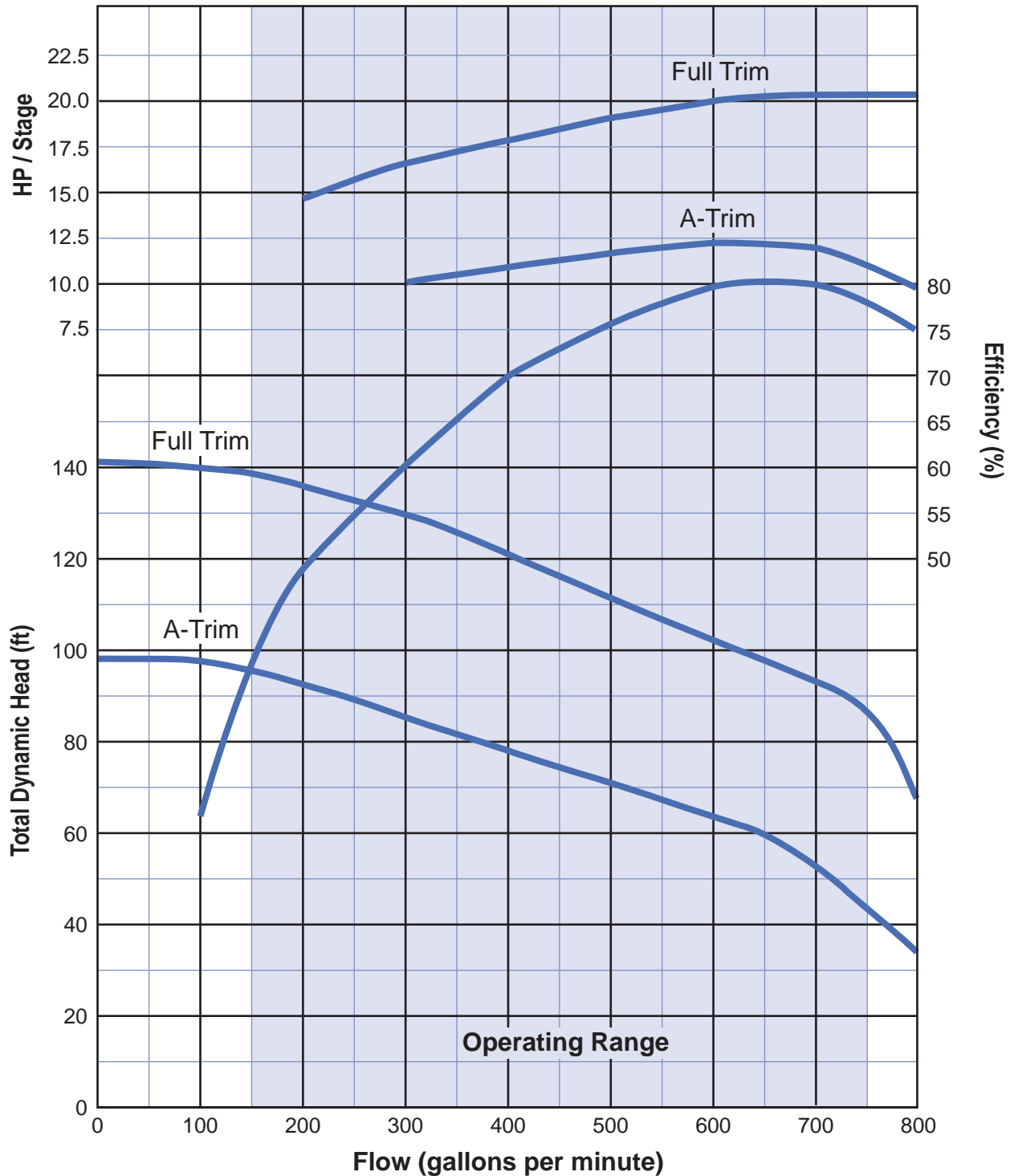
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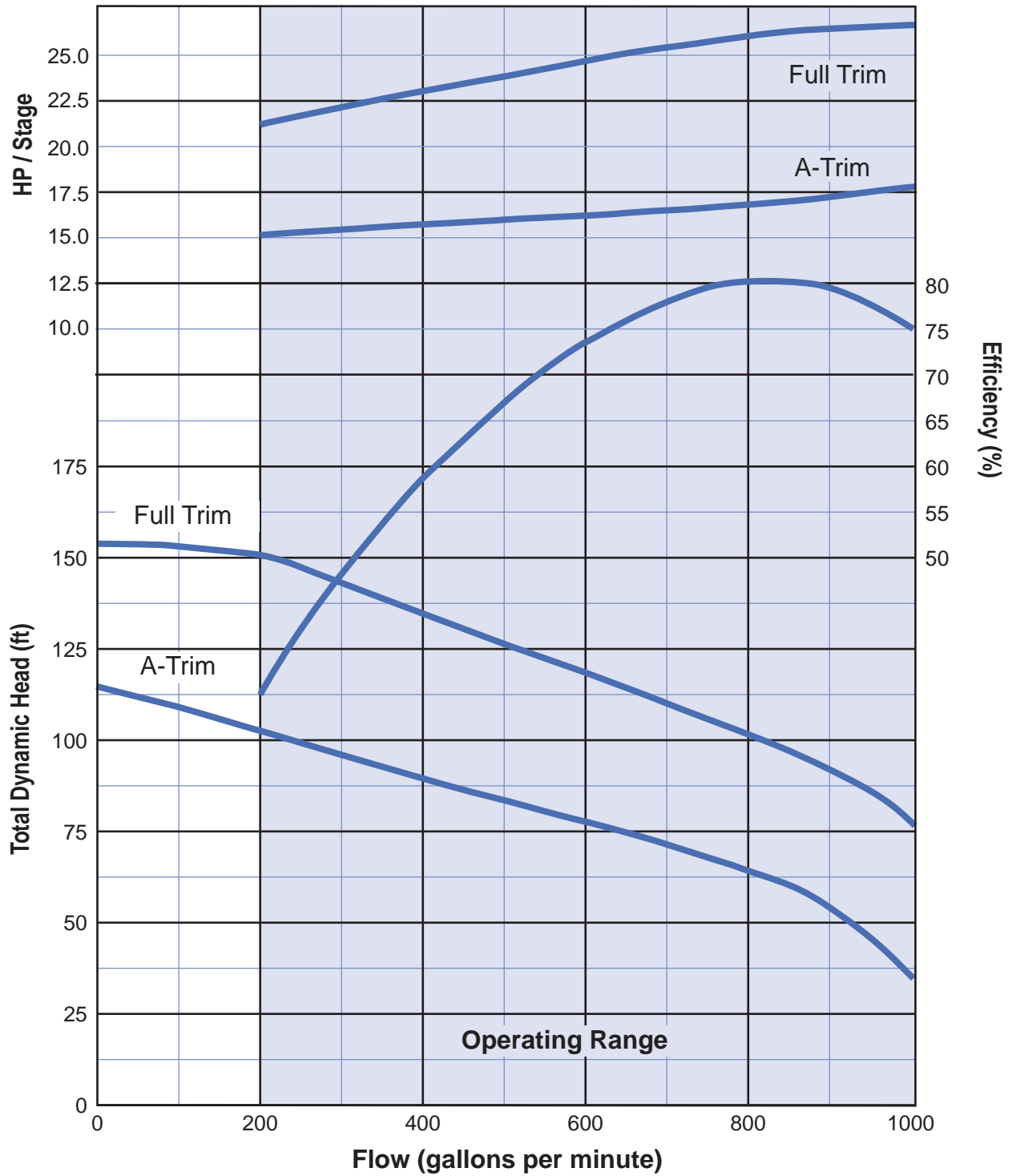
10" WS 600 SERIES HP / EFF CURVE



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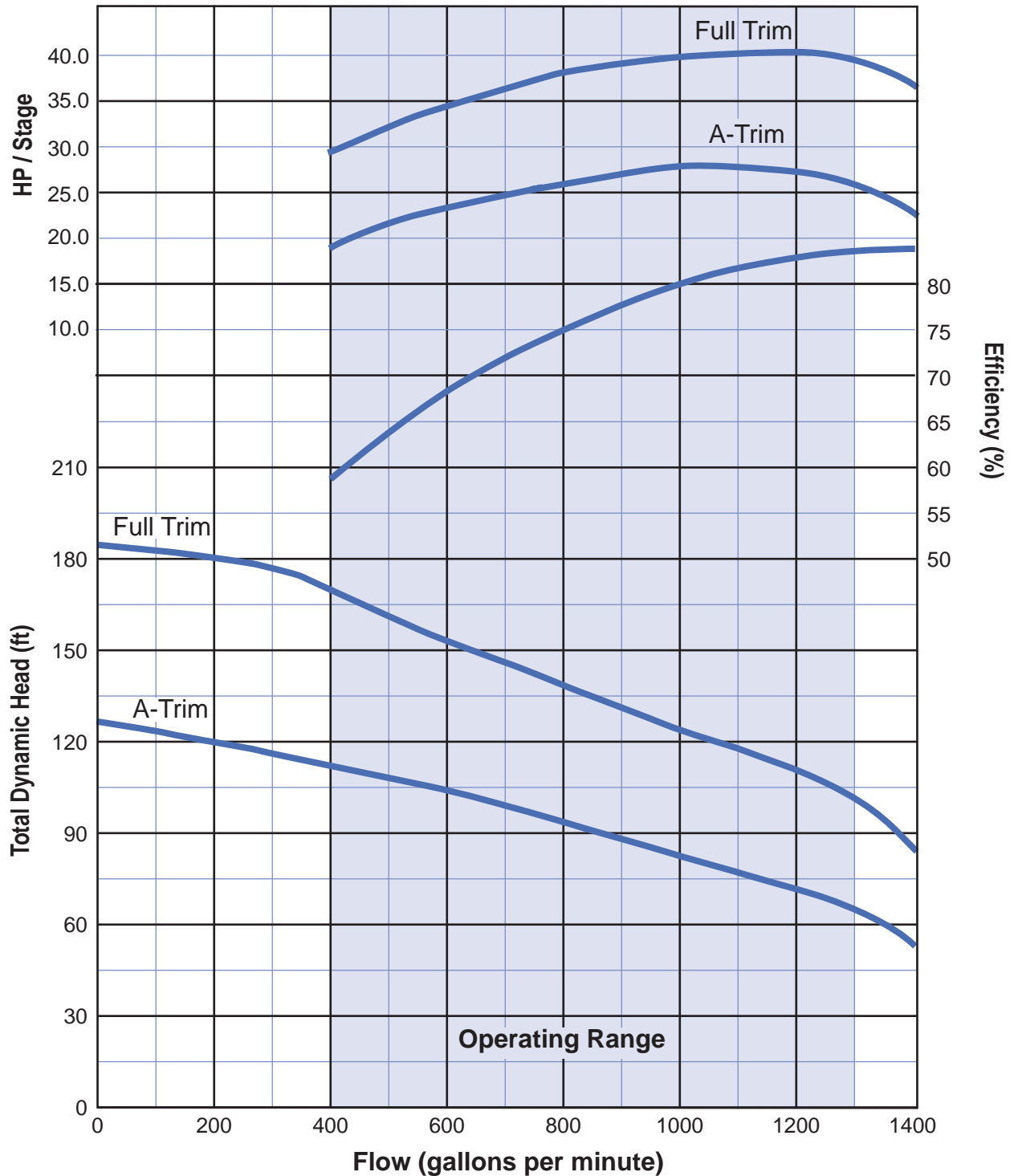
10" WS 800 SERIES HP / EFF CURVE



Note:

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10" WS 1100 SERIES HP / EFF CURVE



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