



There when you need us most

WS SERIES 4" SUBMERSIBLE PUMPS

All Stainless Steel Water Well Pumps

WS Series

The all stainless steel WS Series 4" pumps are designed to provide you with reliable solutions for the most demanding residential, commercial, and municipal applications.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



Features and Benefits

- All 304 stainless steel components
- Stamped and welded discharge head
- Top diffuser includes built-in, jam free stainless steel check valve
- Buna-N rubber bearings in each diffuser stage
- Enclosed strainer to stop debris from entering pump
- Standard NEMA motor mount



Performance

HP Range: .5 - 10 HP, 60Hz.

Capacities to 75 GPM

Heads to 1,200'

Typical Services

- Residential
- Commercial
- Agricultural
- Municipal

WS Series

4" SUBMERSIBLE PUMPS

Construction and Design Features



Discharge Head: Precision stamped and welded 304 stainless steel discharge head* provides a smooth flow transition with a minimum amount of restriction.



Top Diffuser: Top diffuser is made entirely out of 304 stainless steel and includes a built in, jam free, stainless steel check valve to prevent back flow of water.



Check Valve



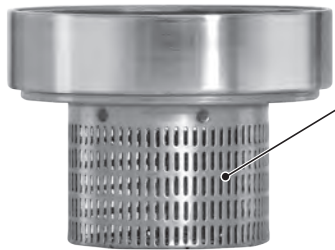
Impeller: A 304 stainless steel impeller, precision made to ensure optimal performance and offers superior resistance to abrasion.



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



Pump Shaft: The pump shaft is constructed from heavy duty, cold drawn, 304 stainless steel. Each shaft is produced to the highest standards for straightness and cut to precise lengths.



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



Motor Bracket: The motor bracket is made entirely of 304 stainless and allows mounting on a standard 4" NEMA motor.

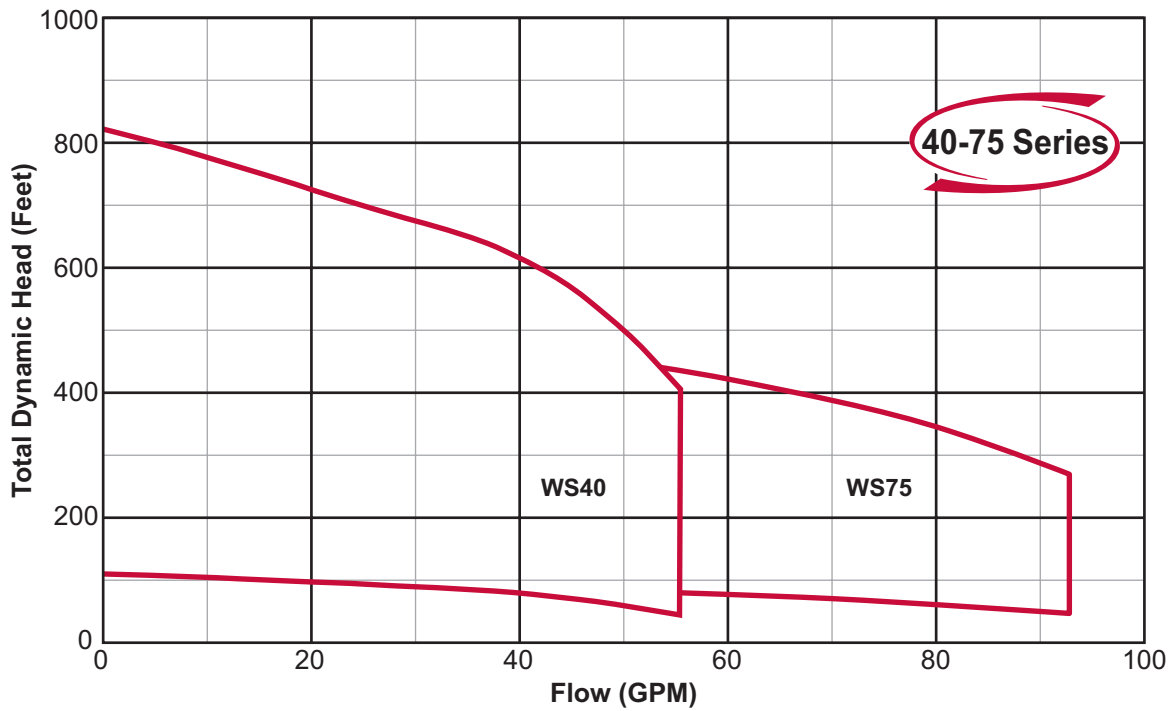
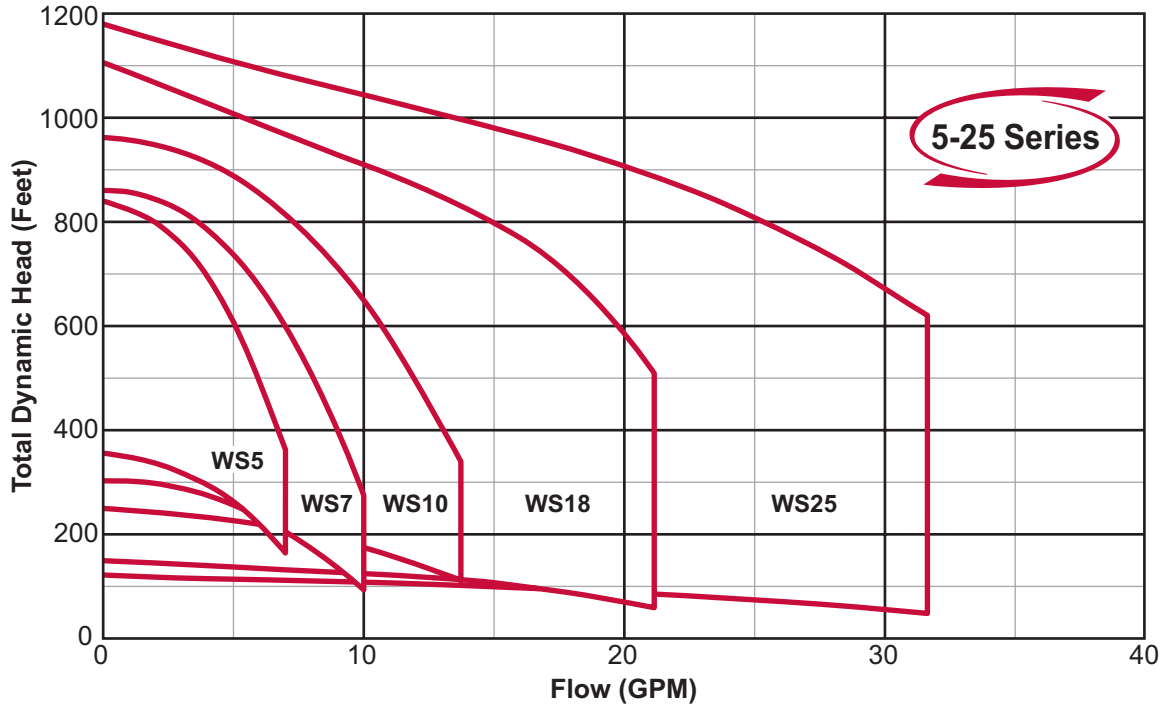
Series	*Discharge
WS05 - WS18	1-1/4" NPT
WS25	1-1/2" NPT
WS40 - WS75	2" NPT



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4" SUBMERSIBLE FAMILY CURVES

WS Series

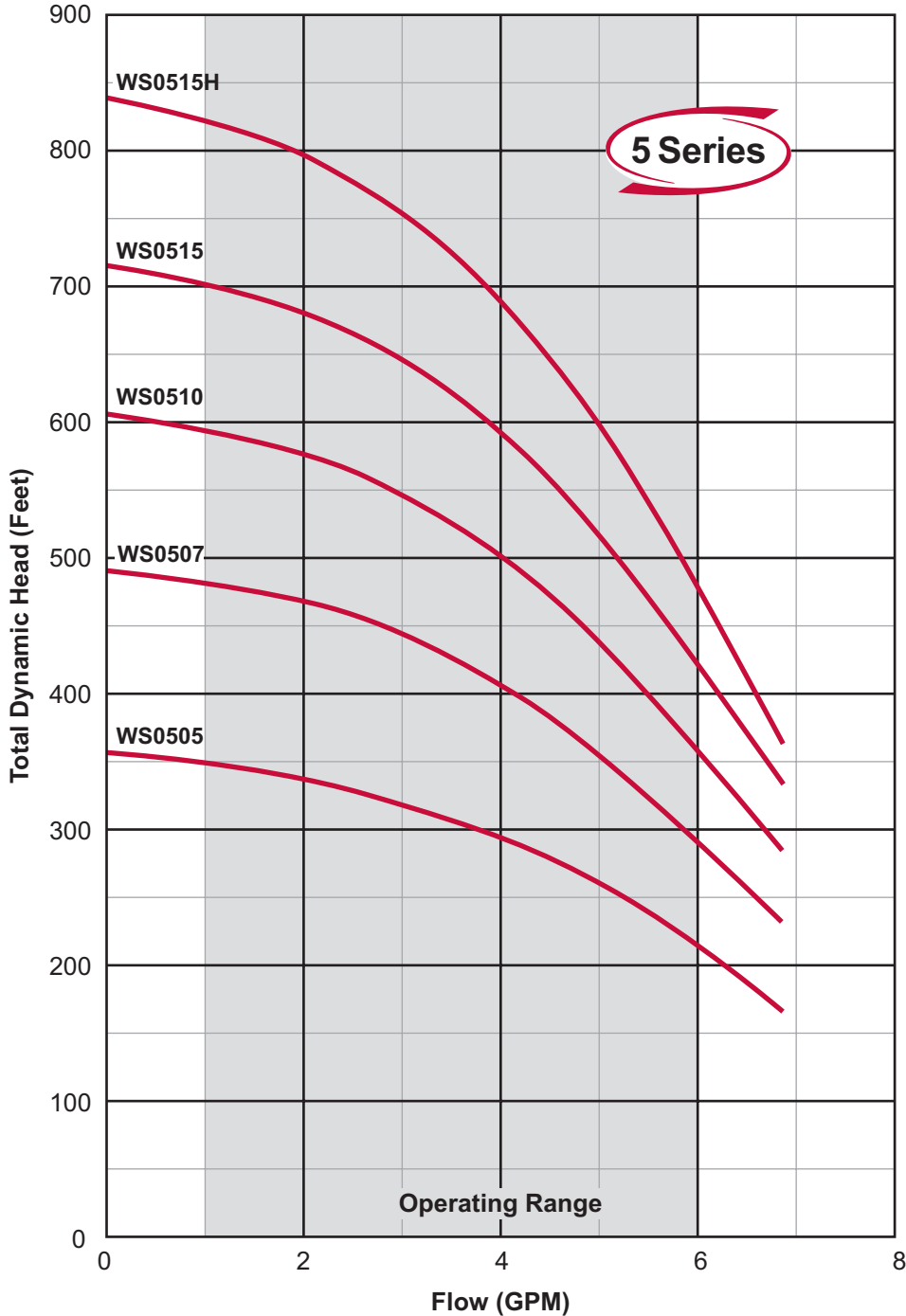




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WS Series

4" SUBMERSIBLE CURVES



MODEL NO.: WS05152C3

Series/Nominal Rated Flow (GPM) 5

Horsepower 3
Divide by 10 for Rated Motor Horsepower
(Example 30 ÷ 10 = 3.0 or 3HP)

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

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

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

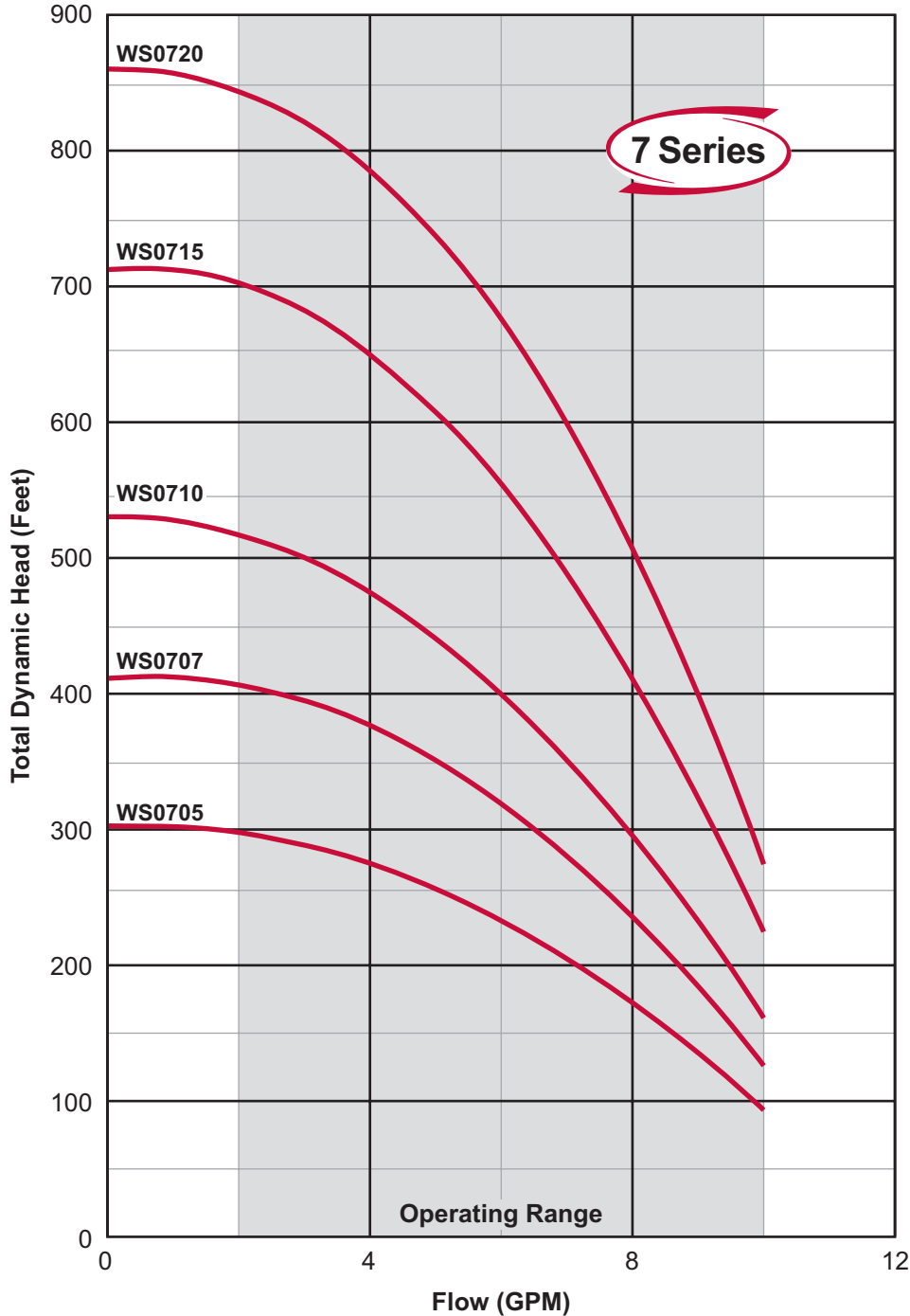
Note:

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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4" SUBMERSIBLE CURVES



MODEL NO.: WS0720C3

Series/Nominal Rated Flow (GPM)

Horsepower
Divide by 10 for Rated Motor Horsepower
(Example 30 ÷ 10 = 3.0 or 3HP)

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:

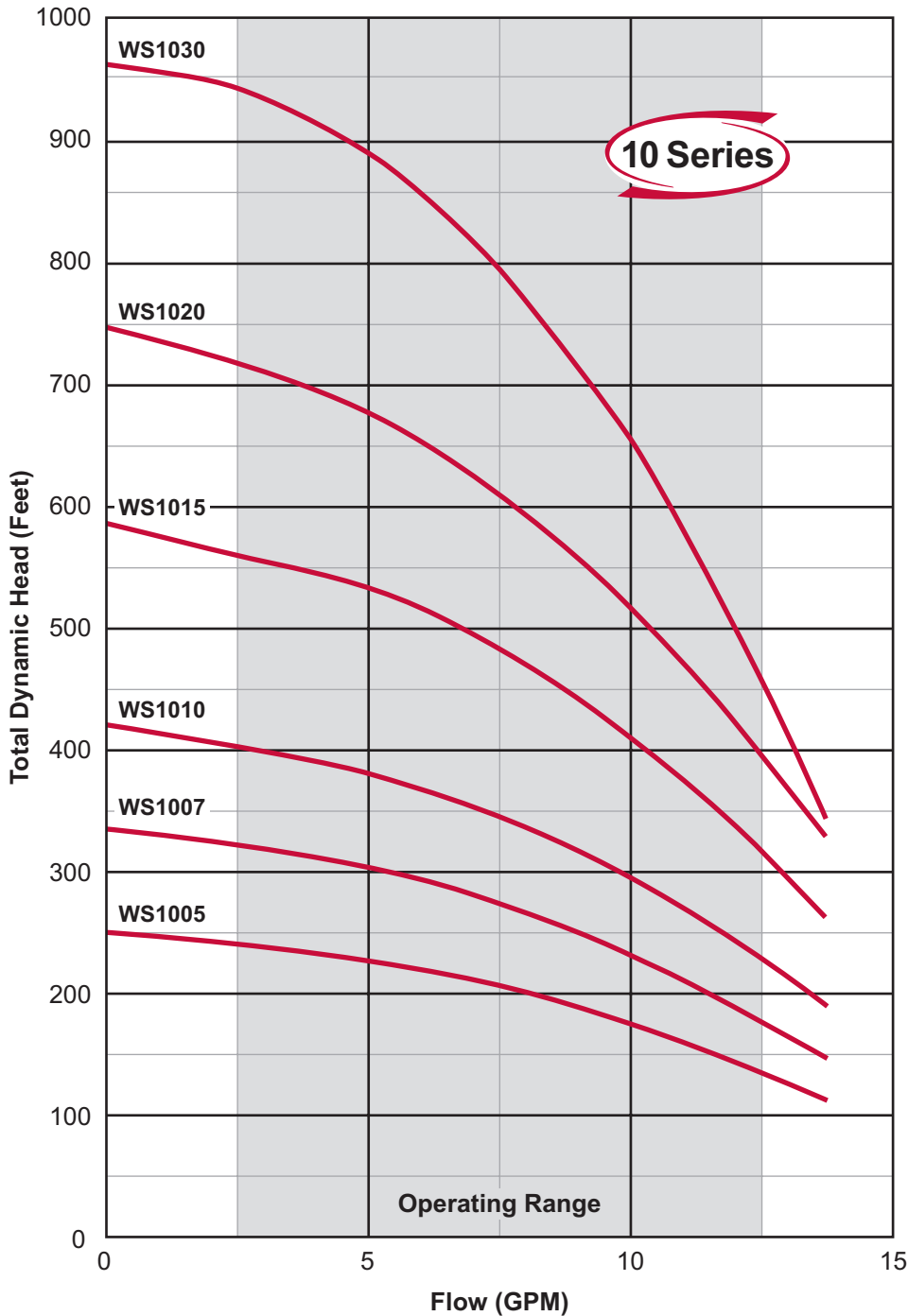
These curves are based on factory tests when pumping clear, fresh, non-aerated water at a temperature not exceeding 85°F. Due to production tolerances, these curves can vary plus or minus five percent.



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4" SUBMERSIBLE CURVES



MODEL NO.: **WS10302C3**

Series/Nominal Rated Flow (GPM)

Horsepower
Divide by 10 for Rated Motor Horsepower
(Example 30 ÷ 10 = 3.0 or 3HP)

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

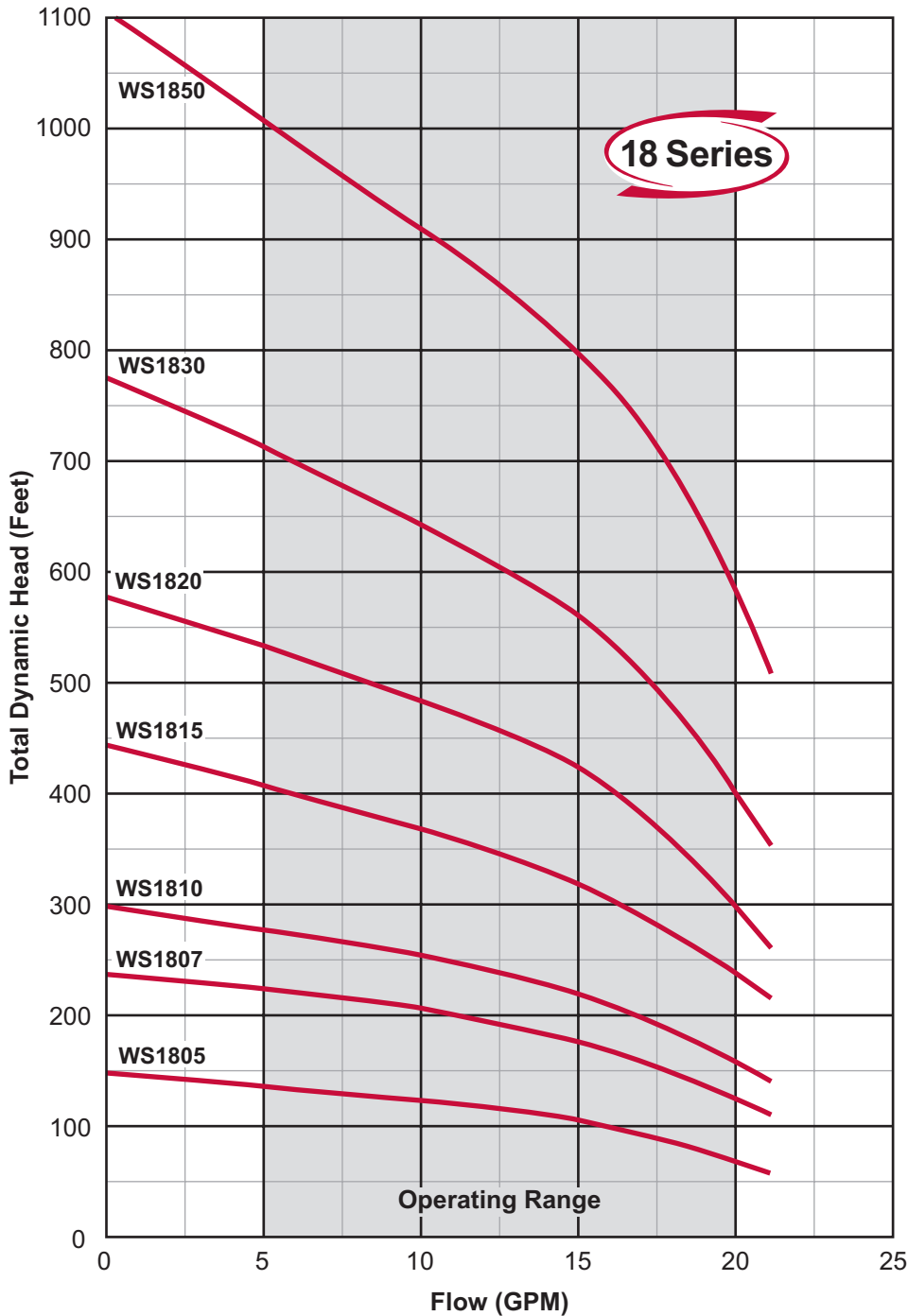
Note:

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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4" SUBMERSIBLE CURVES



MODEL NO.: WS18502C3

Series/Nominal Rated Flow (GPM)

Horsepower
Divide by 10 for Rated Motor Horsepower
(Example 75 ÷ 10 = 7.5 or 7.5HP)

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:

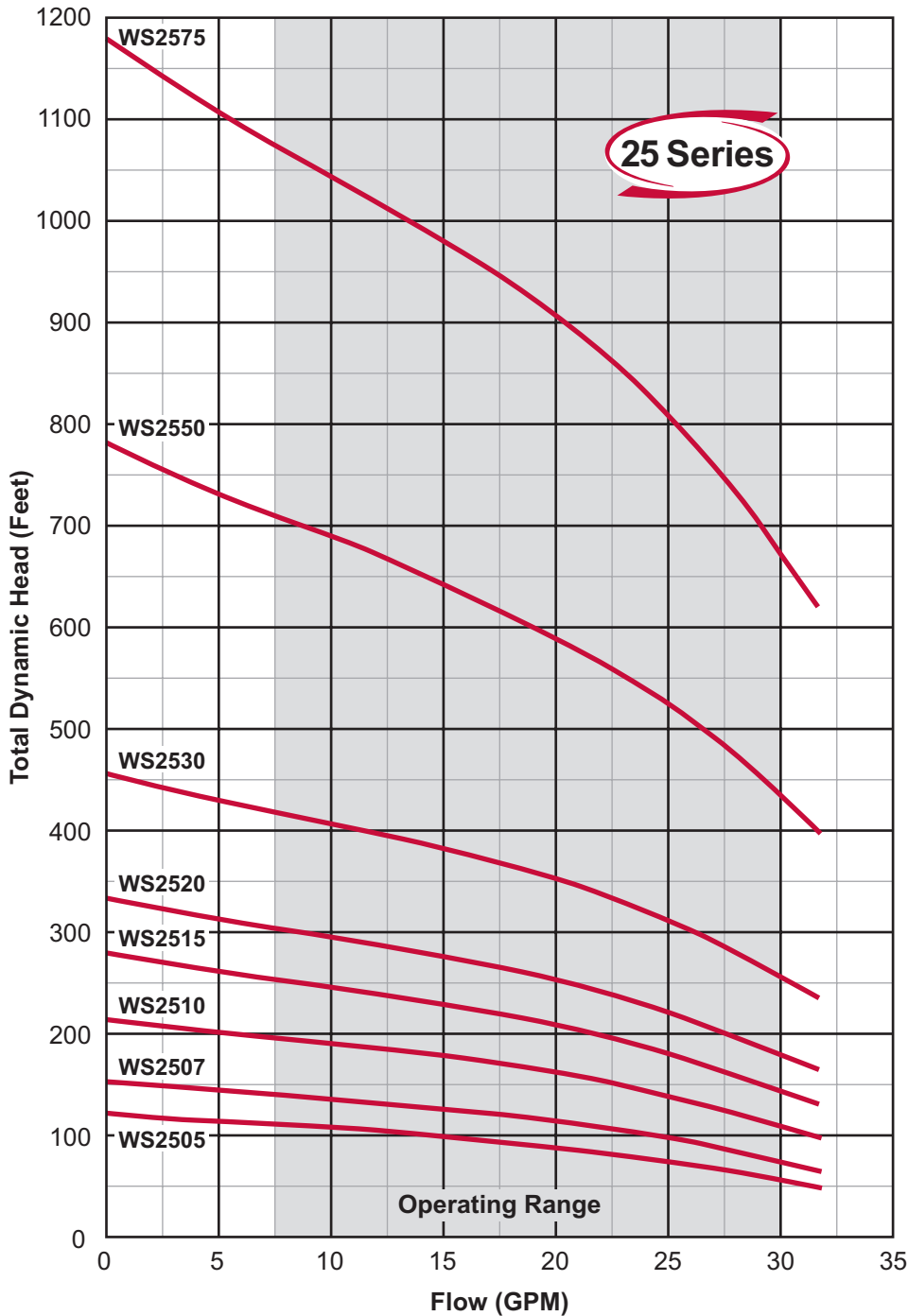
These curves are based on factory tests when pumping clear, fresh, non-aerated water at a temperature not exceeding 85°F. Due to production tolerances, these curves can vary plus or minus five percent.



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4" SUBMERSIBLE CURVES



MODEL NO.: **WS25752C3**

Series/Nominal Rated Flow (GPM) **25**

Horsepower **2**
Divide by 10 for Rated Motor Horsepower
(Example 30 ÷ 10 = 3.0 or 3HP)

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

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

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

PEI_{CL}: 0.86 Impeller Dia.: 2.92 (in.)

Note:

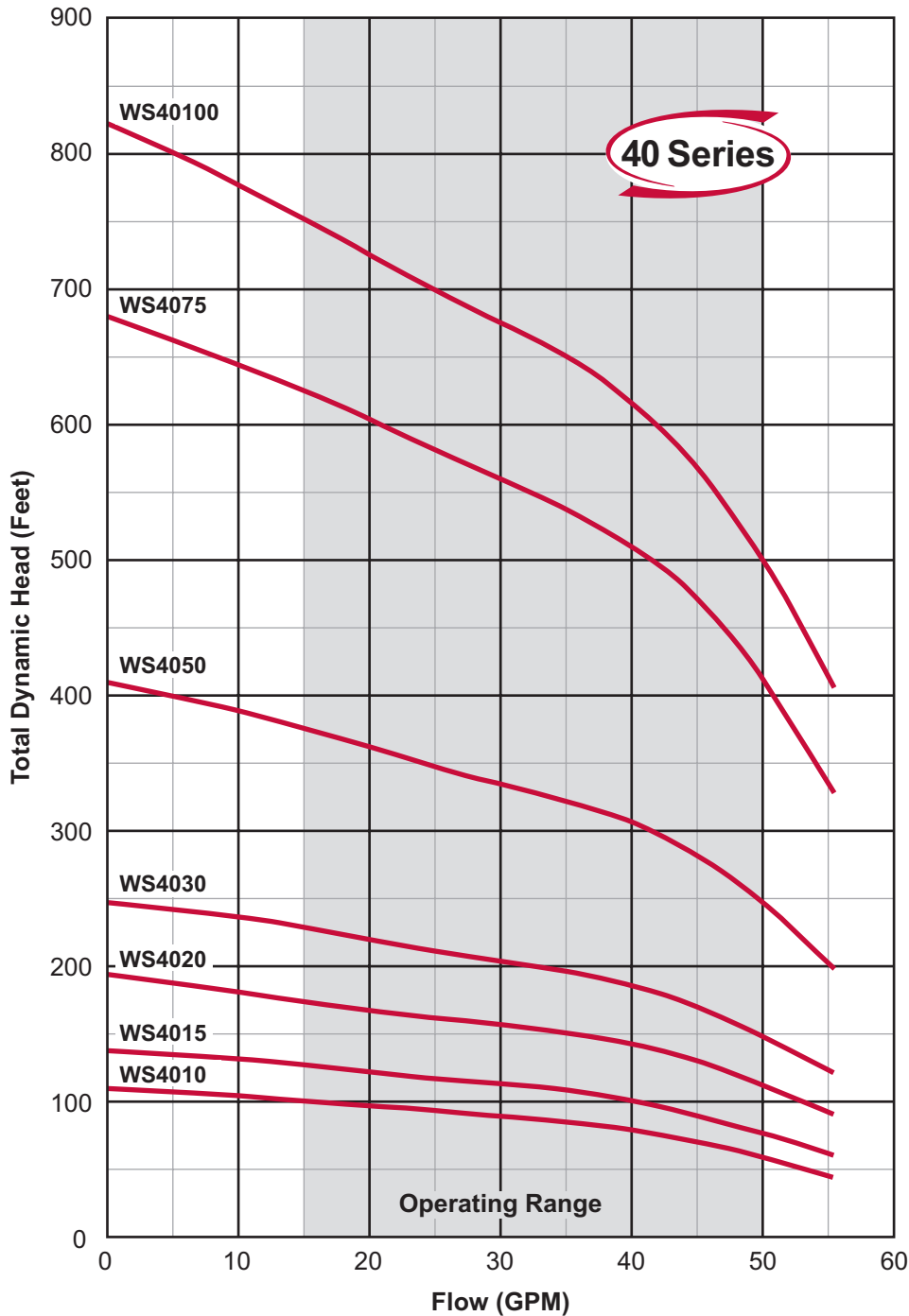
These curves are based on factory tests when pumping clear, fresh, non-aerated water at a temperature not exceeding 85°F. Due to production tolerances, these curves can vary plus or minus five percent.



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4" SUBMERSIBLE CURVES

WS Series



MODEL NO.: WS40752C3

Series/Nominal Rated Flow (GPM)

Horsepower
Divide by 10 for Rated Motor Horsepower
(Example 75 ÷ 10 = 7.5 or 7.5HP)

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

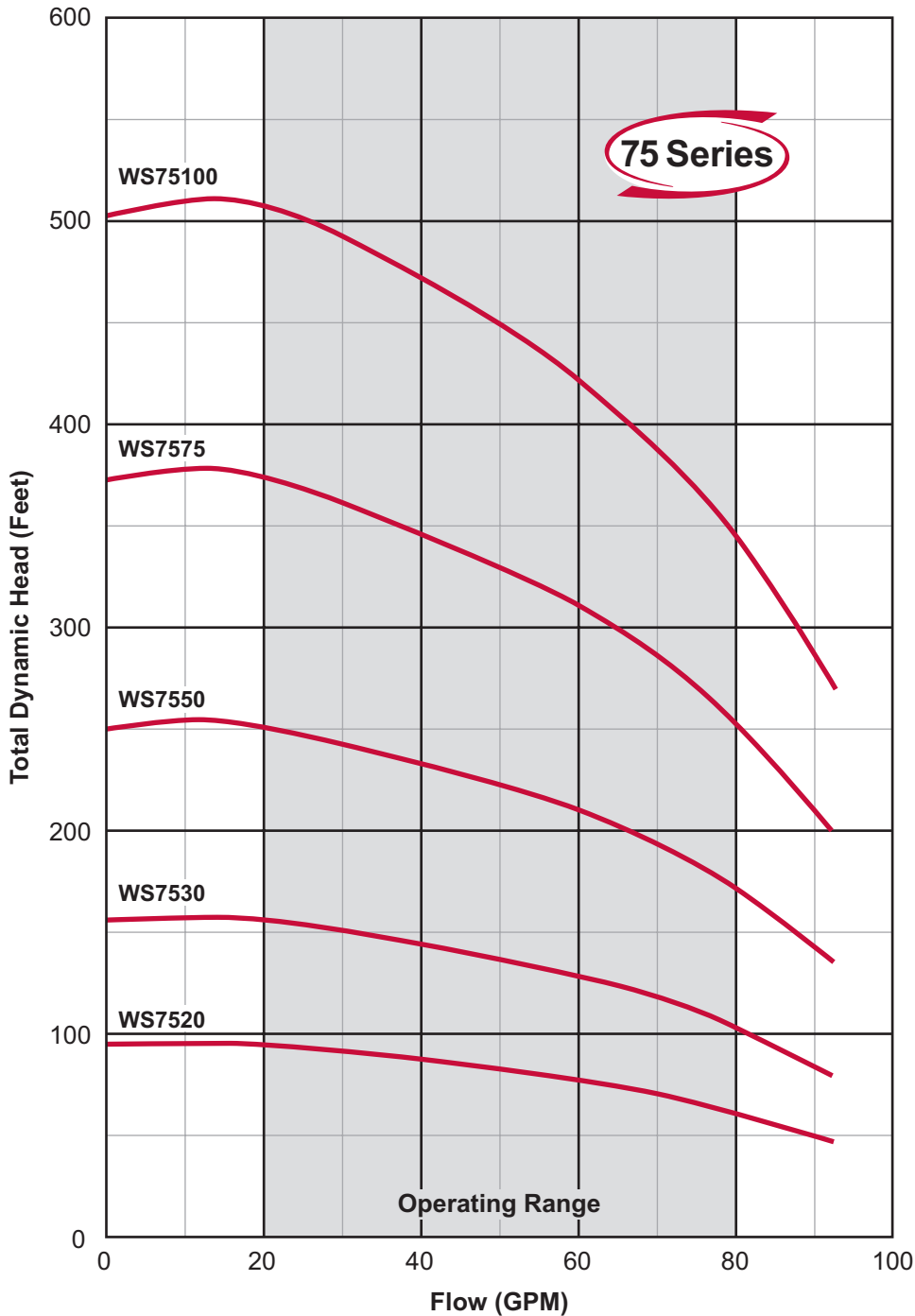
PEI_{CL}: 0.99 Impeller Dia.: 2.92 (in.)

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.

WS Series

4" SUBMERSIBLE CURVES



MODEL NO.: WS75752C3

Series/Nominal Rated Flow (GPM) _____

Horsepower _____
Divide by 10 for Rated Motor Horsepower
(Example 30 ÷ 10 = 3.0 or 3HP)

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

PEI_{CL}: .94 Impeller Dia.: 2.92 (in.)

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.