



ME Close
Coupled

- Flow Rates to: 600 GPM
- Size to 4" Discharge
- Motors to 15 HP
- Stainless Steel Impeller
- Temperatures to 26.6°F to 225°F
- Cast Iron Case-NPT
- Grease for Life Bearing Design
- Premium Efficient Motors
- Meets DOE Pump Standards
- Lead-free Design



Technical Book

Medium Pressure 2022.

WDM Water Systems



www.wdmpumps.com

WDM Water Systems

WDM Pumps has expanded its brand as an international manufacturer of fluid handling pumps by consistently meeting and exceeding the needs of our customers.

Continuing a tradition of more than 50 years, WDM Pumps manufactures quality electric and engine driven pumps for diverse commercial and industrial applications. Our continued growth is based on a commitment to high standards for efficient product design, production, sales, and customer support.

Our customers rely on our world-class team of experienced WDM Pumps engineers, technicians, and product application specialists.

WDM offers pump products and related equipment for a wide variety of industries. WDM Pumps manufactured and distributed self priming, flexible coupled, close coupled, horizontal split case, vertical inline, UL/FM listed fire pumps, vertical multistage, ANSI, submersible sump and sewage and vertical turbine.

WDM Pumps plants are strategically located throughout the Americas with USA offices located in Tulsa Oklahoma.





Other factories:

- México
- Colombia
- Argentina
- Chile
- Brazil
- Panamá
- Guatemala
- Perú

INDEX



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Medium Pressure Pumps Close Coupled

Features:

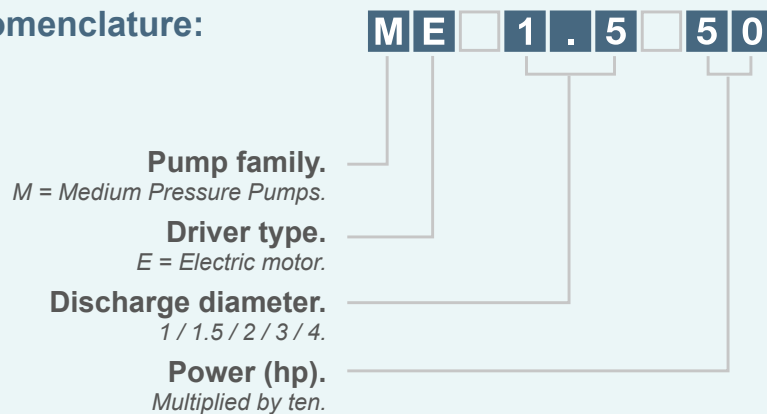
- Construction: Cast Iron
- Suction: Up To 4".
- Discharge: Up To 4".
- Impeller: Enclosed, Stainless Steel, Dynamically Balanced.
- Mechanical Seal: 1 1/4".
- Motor: Three Phase Up To 15 Hp.

Benefits:

- Quick Delivery.
- Easy Set Up & Installation.
- Low and Ease Maintenance.
- Rear Pull Out.
- Long Service Life.



Nomenclature:



Selection Charts

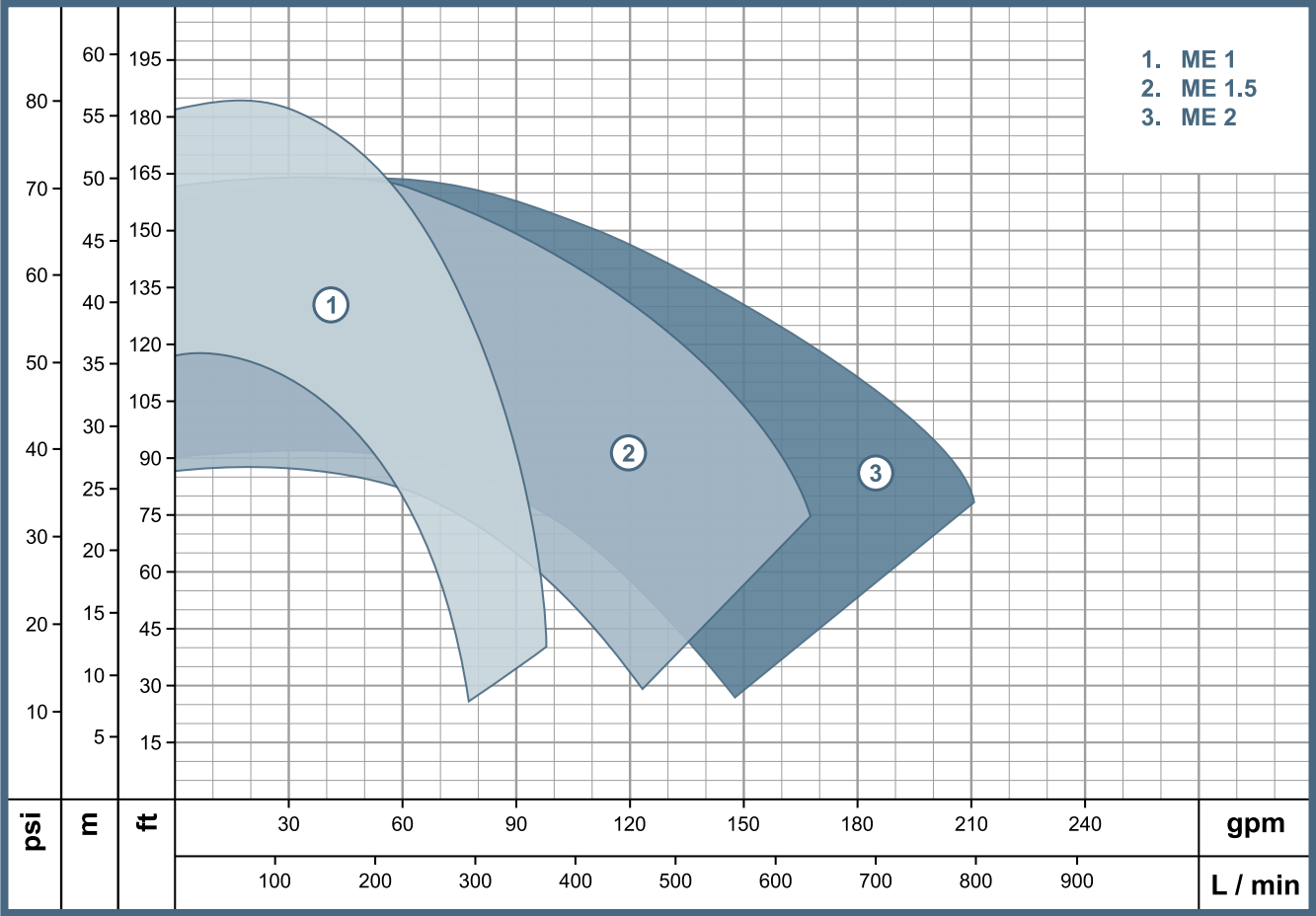
ME 1 - 1.5 - 2

Medium Pressure Pumps
Close Coupled

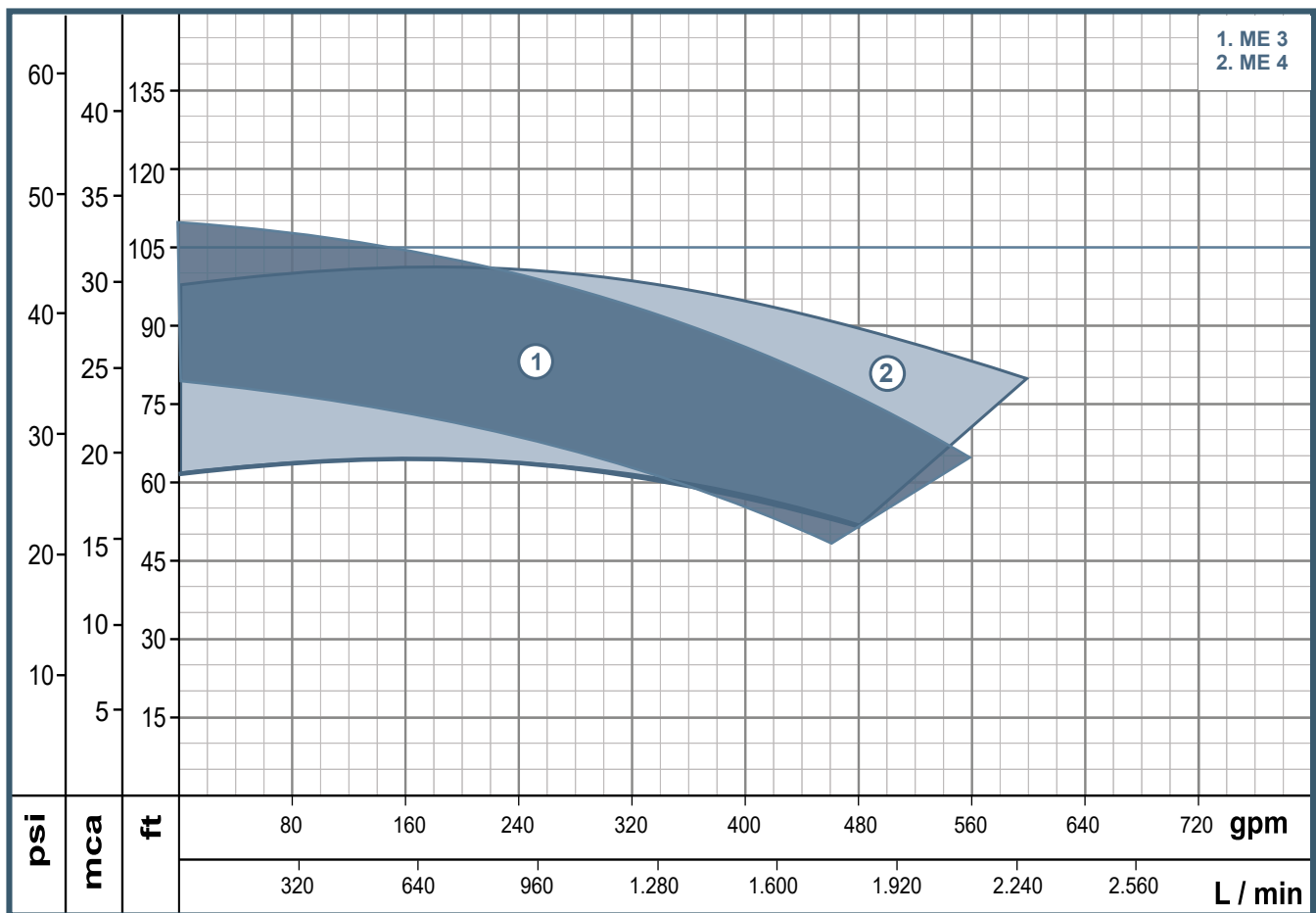


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2 poles (3600 rpm)



2 poles (3600 rpm)

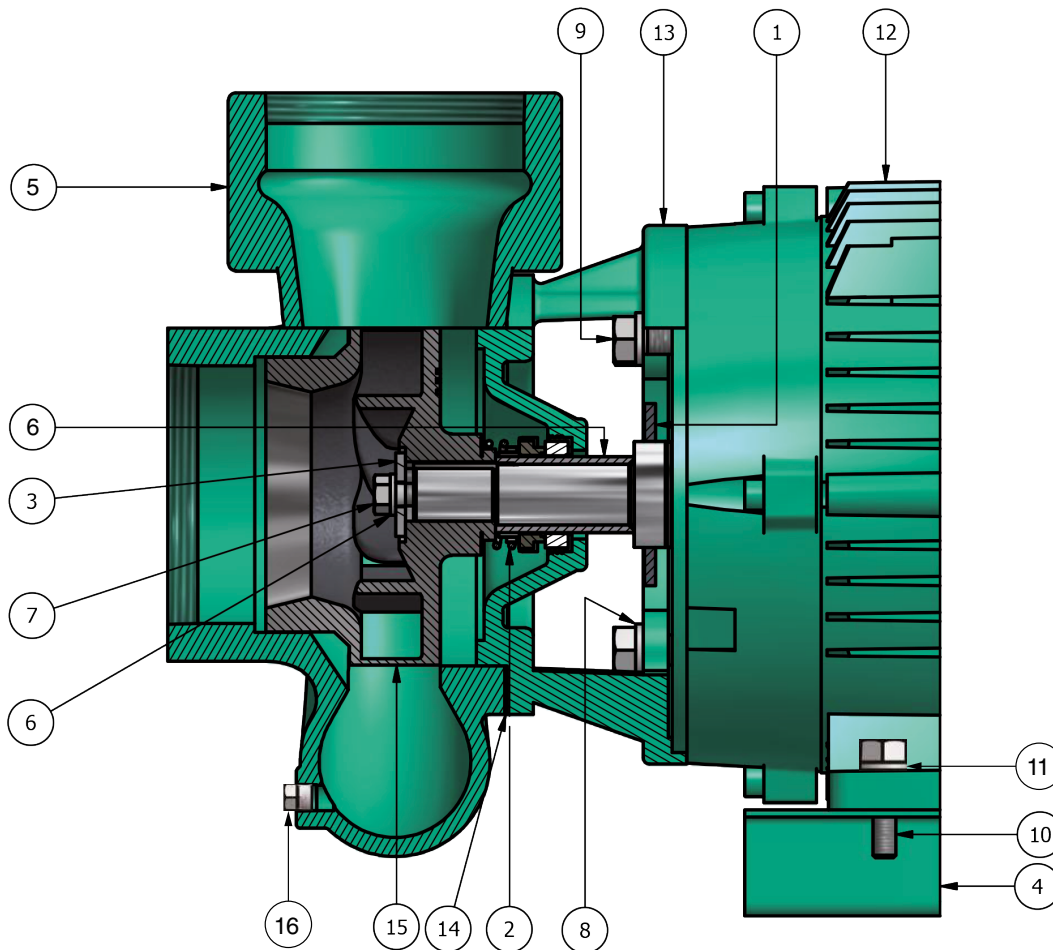


Sectional ME Series

Medium Pressure Pumps
Close Coupled

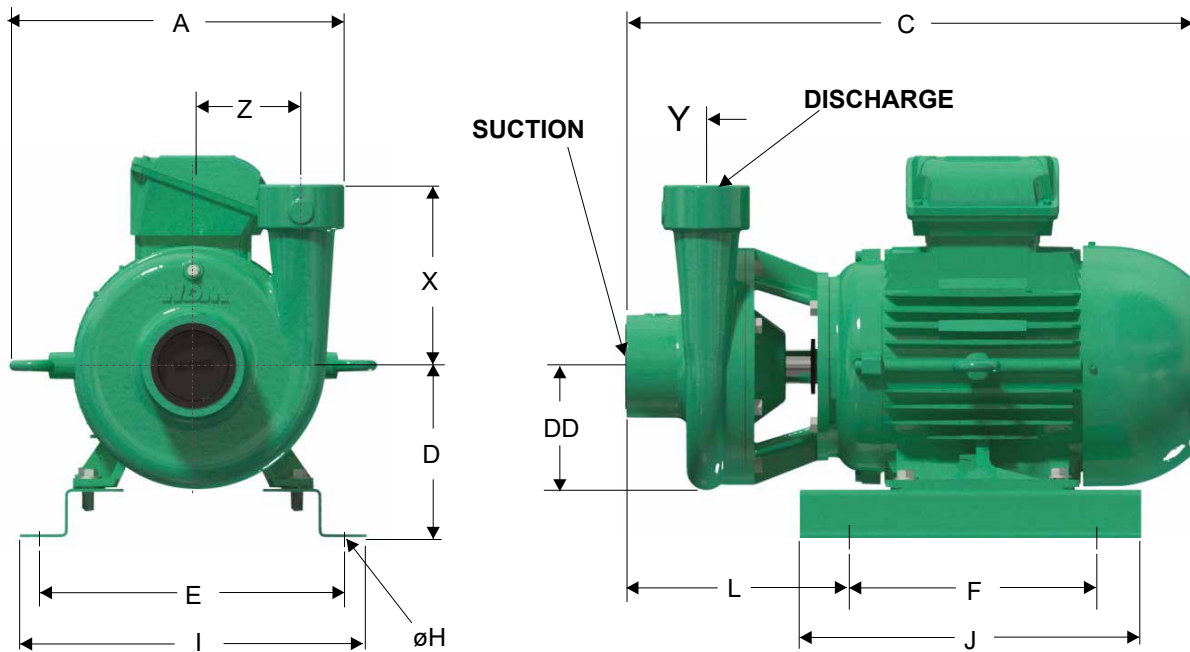


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ITEM	QTY	DESCRIPTION	MATERIAL
1	1	SLINGER	BUNA
2	1	MECHANICAL SEAL	CARBON / CERAMIC / BUNA
3	1	IMPELLER WASHER	STAINLESS STEEL
4	1	BASE	CARBON STEEL
5	1	CASING (VOLUTE)	CARBON STEEL
6	1	SHAFT SLEEVE	STAINLESS STEEL AISI 304
7	1	IMPELLER HEX BOLT	STAINLESS STEEL AISI 304
8	4	BRACKET LOCK WASHER	CARBON STEEL

ITEM	QTY	DESCRIPTION	MATERIAL
9	4	BRACKET HEX BOLT	CARBON STEEL
10	2	BASE HEX BOLT	CARBON STEEL
11	2	WASHER	CARBON STEEL
12	1	MOTOR	CHECK INFO WITH SUPPLIER
13	1	MOTOR BRACKET	CAST IRON ASTM A48
14	1	CASING GASKET	STANDARD PAPER GASKET
15	1	IMPELLER	STAINLESS STEEL AISI 304
16	1	PLUG	CAST IRON ASTM A48



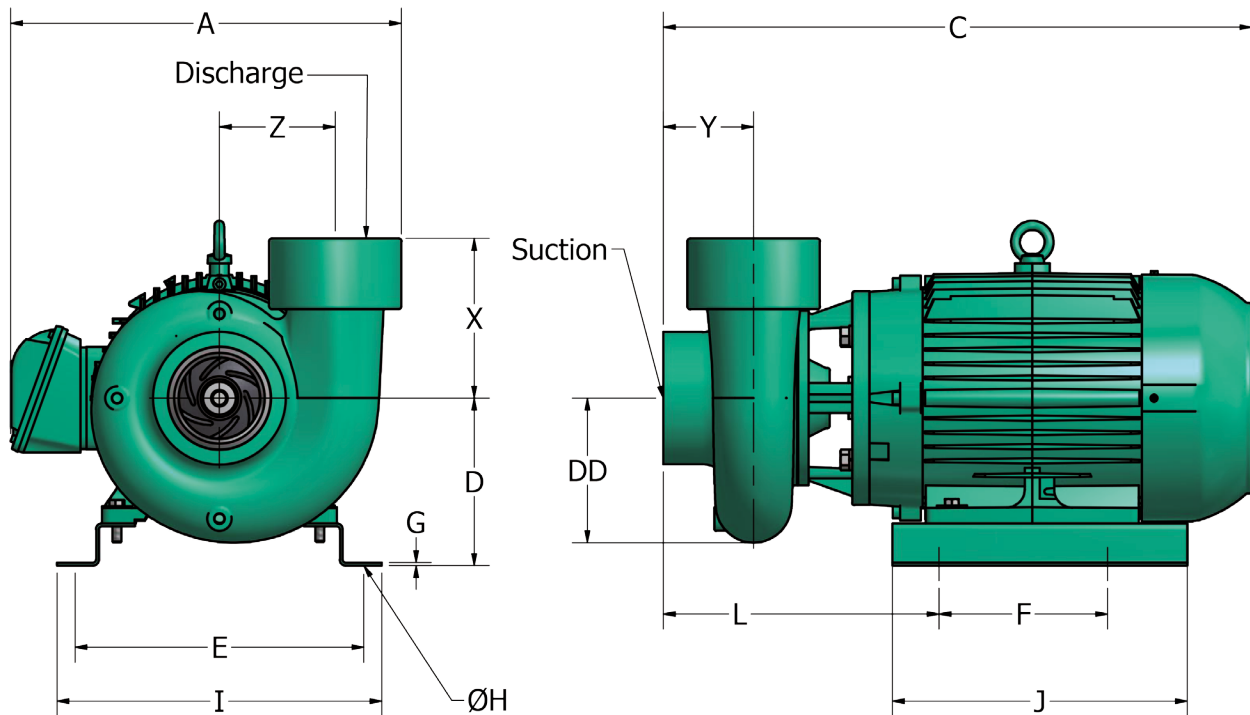
Dimensions (inches)																			
Model	Ref	A	C	D	DD	E	F	G	H	I	L	J	X	Y	Z	Frame	Suc	Dis	
ME 1 15	1E0473	11	16 13/16	5 1/16	4 1/4	9 11/16	7 1/8	1/8	7/16	11 3/16	6 3/4	8 7/8	4 1/2	2	3 3/4	143JM	1	1	
ME 1 20	1E0245	11	16 13/16	5 1/16	4 1/4	9 11/16	7 1/8	1/8	7/16	11 3/16	6 3/4	8 7/8	4 1/2	2	3 3/4	145JM	1	1	
ME 1 30	1E0246	11	16 13/16	5 1/16	4 1/4	9 11/16	7 1/8	1/8	7/16	11 3/16	6 3/4	8 7/8	4 1/2	2	3 3/4	145JM	1	1	
ME 1 30-1	1E0468	11	16 13/16	5 1/16	4 1/4	9 11/16	7 1/8	1/8	7/16	11 3/16	6 3/4	8.875	4 1/2	2	3 3/4	145JM	1	1	
ME 1 50	1E0474	11 3/8	18 13/16	5 11/16	4 1/4	9 13/16	7	1/8	7/16	11 5/16	7	12 1/4	4 1/2	2	3 3/4	184JM	1	1	
ME 1 50-1	1E0469	11 3/8	18 13/16	5 11/16	4 1/4	9 13/16	7	1/8	7/16	11 5/16	8 1/8	12.25	4 1/2	2	3 3/4	184JM	1	1	
ME 1.5 15	1E0475	11 1/4	17 9/16	5 1/16	4 1/4	9 11/16	7 1/8	1/8	7/16	11 3/16	7 1/2	8 7/8	5 1/2	2 7/8	3 5/8	143JM	2	1 1/2	
ME 1.5 20	1E0248	11 1/4	17 9/16	5 1/16	4 1/4	9 11/16	7 1/8	1/8	7/16	11 3/16	7 5/8	8 7/8	5 1/2	2 7/8	3 5/8	145JM	2	1 1/2	
ME 1.5 30	1E0249	11 1/4	17 9/16	5 1/16	4 1/4	9 11/16	7 1/8	1/8	7/16	11 3/16	7 5/8	8 7/8	5 1/2	2 7/8	3 5/8	145JM	2	1 1/2	
ME 1.5 50-1	1E0471	11 5/8	19 5/8	5 11/16	4 1/4	9 13/16	7	1/8	7/16	11 5/16	8 7/8	12 1/4	5 1/2	2 7/8	3 5/8	184JM	2	1 1/2	
ME 1.5 50	1E0476	11 5/8	19 5/8	5 11/16	4 1/4	9 13/16	7	1/8	7/16	11 5/16	7 3/4	12 1/4	5 1/2	2 7/8	3 5/8	184JM	2	1 1/2	
ME 1.5 75	1E0251	12 9/16	20 5/16	6 3/16	4 1/4	11	7	1/8	7/16	12 1/2	10 5/8	12 1/4	5 1/2	2 7/8	3 5/8	184JM	2	1 1/2	
ME 2 30	1E0252	11 11/16	17 9/16	5 1/16	4 1/4	9 11/16	7 1/8	1/8	7/16	11 3/16	7 1/2	8 7/8	6 1/2	2 3/4	3 7/8	145JM	2 1/2	2	
ME 2 30-1	1E0477	11 11/16	17 9/16	5 1/16	4 1/4	9 11/16	7 1/8	1/8	7/16	11 3/16	7 1/2	8 7/8	6 1/2	2 3/4	3 7/8	184JM	2 1/2	2	
ME 2 50	1E0479	12 1/16	19 9/16	5 11/16	4 1/4	9 13/16	7	1/8	7/16	11 5/16	7 7/8	12 1/4	6 1/2	2 3/4	3 7/8	184JM	2 1/2	2	
ME 2 50-1	1E0478	12 1/16	19 9/16	5 11/16	4 1/4	9 13/16	7	1/8	7/16	11 5/16	8 7/8	12 1/4	6 1/2	2 3/4	3 7/8	184JM	2 1/2	2	
ME 2 75	1E0254	13	20 1/4	6 3/16	4 1/4	11	7	1/8	7/16	12 1/2	8 5/32	12 1/4	6 1/2	2 3/4	3 7/8	184JM	2 1/2	2	
ME 2 100	1E0255	14 1/8	21 3/4	5 15/16	4 1/4	12	7	1/8	7/16	13 1/2	8 15/16	12 1/4	6 1/2	2 3/4	3 7/8	215JM	2 1/2	2	

Dimensional ME Series

Medium Pressure Pumps
Close Coupled



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Dimensions (Inches)																			
Model	Ref	A	C	D	DD	E	F	G	H	I	L	J	X	Y	Z	Frame	Suc	Dis	
ME 3 75	1E0256	13	21	6 5/32	5 5/16	10 15/16	7	1/8	7/16	12 1/2	9 1/4	12 1/4	5 1/2	1 7/8	4 1/2	184JM	3	3	
ME 3 100	1E0257	13 1/2	21 11/16	6 15/16	5 5/16	12	7	1/8	7/16	13 1/2	11 1/2	12 1/4	5 1/2	1 7/8	4 1/2	213JM	3	3	
ME 3 150	1E0258	13 1/2	24 1/16	6 15/16	5 5/16	12	7	1/8	7/16	13 1/2	11 1/2	12 1/4	5 1/2	1 7/8	4 1/2	215JM	3	3	
ME 4 75	1E0259	13 3/4	21 11/16	6 5/32	6	10 5/16	7	1/8	7/16	12 1/2	10	12 1/4	6 5/8	3 3/4	4 13/16	184JM	4	4	
ME 4 100	1E0260	14 5/16	23 1/32	6 15/16	6	12	7	1/8	7/16	13 1/2	11 3/4	12 1/4	6 5/8	3 3/4	4 13/16	213JM	4	4	
ME 4 150	1E0261	14 5/16	24 1/2	6 15/16	6	12	7	1/8	7/16	13 1/2	11 3/4	12 1/4	6 5/8	3 3/4	4 13/16	215JM	4	4	

Model	Ref.	Repair Kit Seal
ME 1 15	1E0473	0E0473RK
ME 1 20	1E0245	0E0245RK
ME 1 30	1E0246	0E0246RK
ME 1 50	1E0474	0E0474RK
ME 1.5 15	1E0475	0E0475RK
ME 1.5 20	1E0248	0E0248RK
ME 1.5 30	1E0249	0E0249RK
ME 1.5 50	1E0476	0E0476RK
ME 1.5 75	1E0251	0E0251RK
ME 2 30	1E0252	0E0252RK
ME 2 50	1E0479	0E0479RK
ME 2 75	1E0254	0E0254RK
ME 2 100	1E0255	0E0255RK

Model	Ref.	Repair Kit Seal
ME 3 75	1E0256	0E0256RK
ME 3 100	1E0257	0E0257RK
ME 3 150	1E0258	0E0258RK
ME 4 75	1E0259	0E0259RK
ME 4 100	1E0260	0E0260RK
ME 4 150	1E0261	0E0261RK

Medium Pressure Pumps

ME 1 15
ME 1 20
ME 1 30
ME 1 50

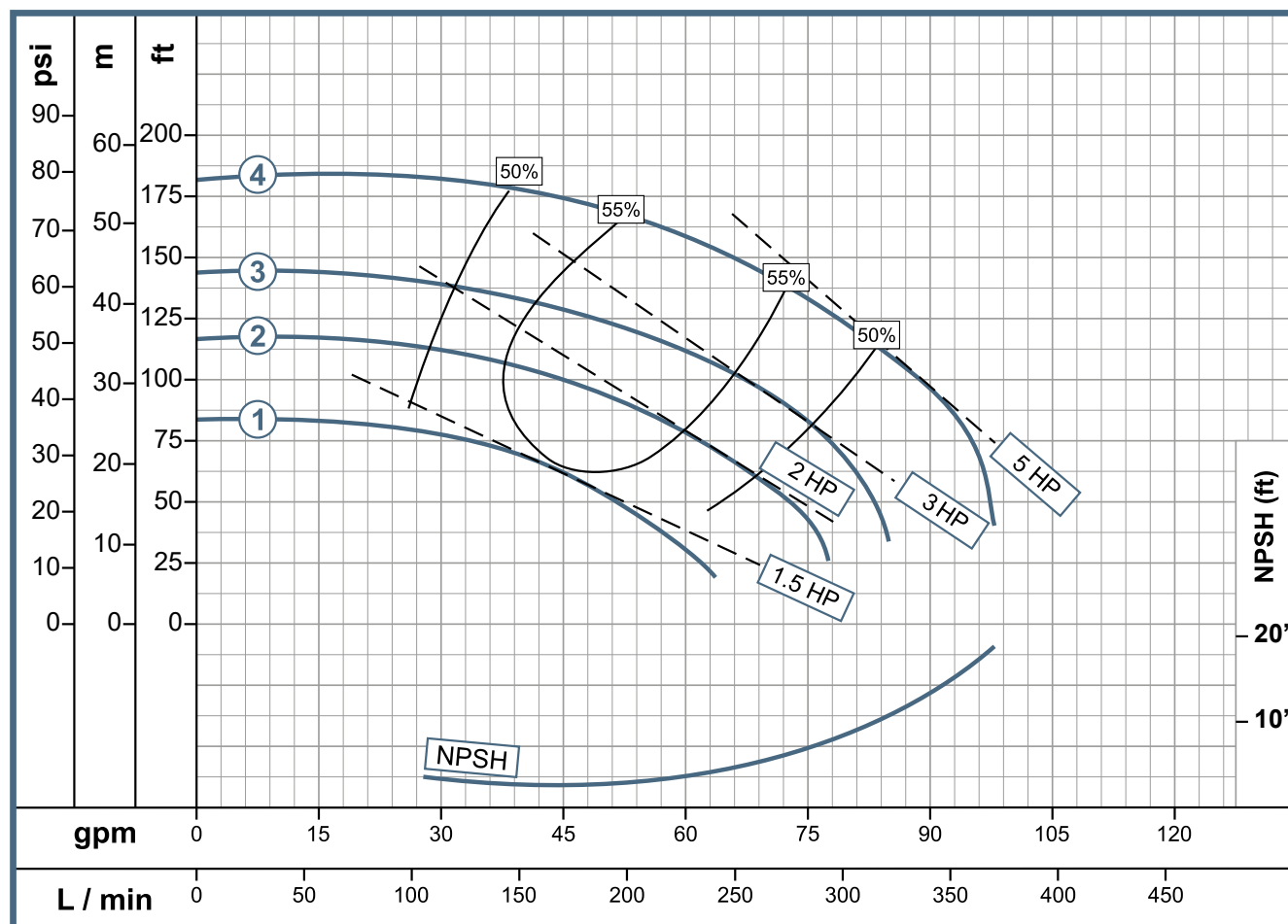


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Pump Features					
Pump Type		Design		Impeller	
Centrifugal		Closed Coupled		Enclosed	
Stages		Mechanical Seal		Fluid Temp	
1		1 1/4" T21		26.6°F to 225°F	
Model	Reference	Ø Suction	Ø Discharge	Ø Impeller	
1	ME 1 15	1E0473	1	5.25	
2	ME 1 20	1E0245	1	5.25	
3	ME 1 30	1E0246	1	5.875	
4	ME 1 50	1E0474	1	6.5	

Motor Features				
Drive		Speed (rpm)	Frequency (Hz)	
Electric		3,500 (nominal)	60	
Power (hp)	Phases	Voltage (V)	Motor Casing	Frame
1.5	3	230 / 460	TEFC	143JM
2	3	230 / 460	TEFC	145JM
3	3	230 / 460	TEFC	145JM
5	3	230 / 460	TEFC	184JM

Performance Curve





Medium Pressure Pumps

ME 1.5 15

ME 1.5 20

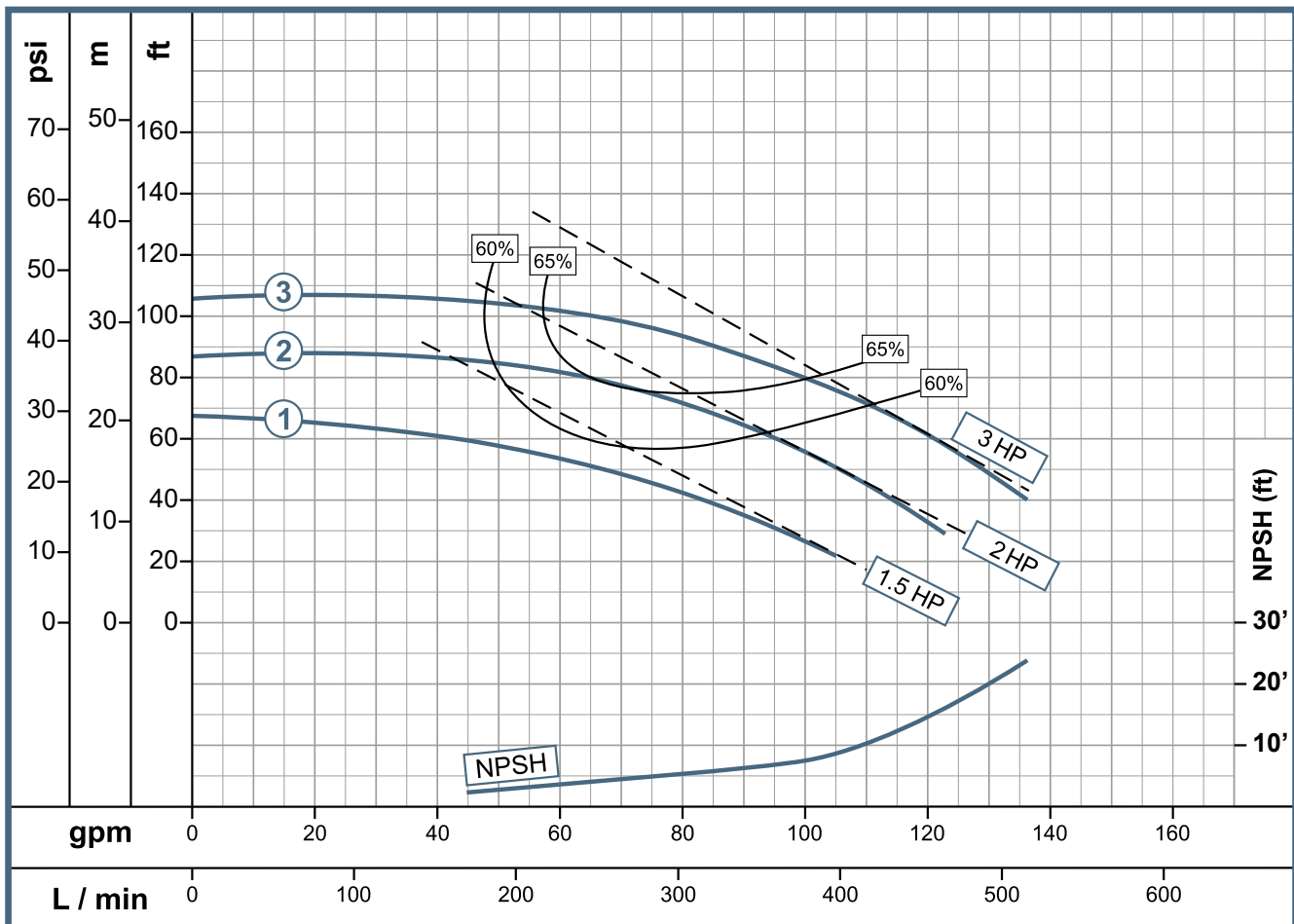
ME 1.5 30

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Pump Features					
Pump Type		Design		Impeller	
Centrifugal		Closed Coupled		Enclosed	
Stages		Mechanical Seal		Fluid Temp	
1		1 1/4" T21		26.6°F to 225°F	
Model	Reference	Ø Suction	Ø Discharge	Ø Impeller	
1	ME 1.5 15	1E0475	2	1 1/2	
2	ME 1.5 20	1E0248	2	1 1/2	
3	ME 1.5 30	1E0249	2	1 1/2	

Motor Features				
Drive		Speed (rpm)	Frequency (Hz)	
Electric		3,500 (nominal)	60	
Power (hp)	Phases	Voltage (V)	Motor Casing	Frame
1.5	3	230 / 460	TEFC	143JM
2	3	230 / 460	TEFC	145JM
3	3	230 / 460	TEFC	145JM

Performance Curve



Medium Pressure Pumps

ME 1.5 50
ME 1.5 75

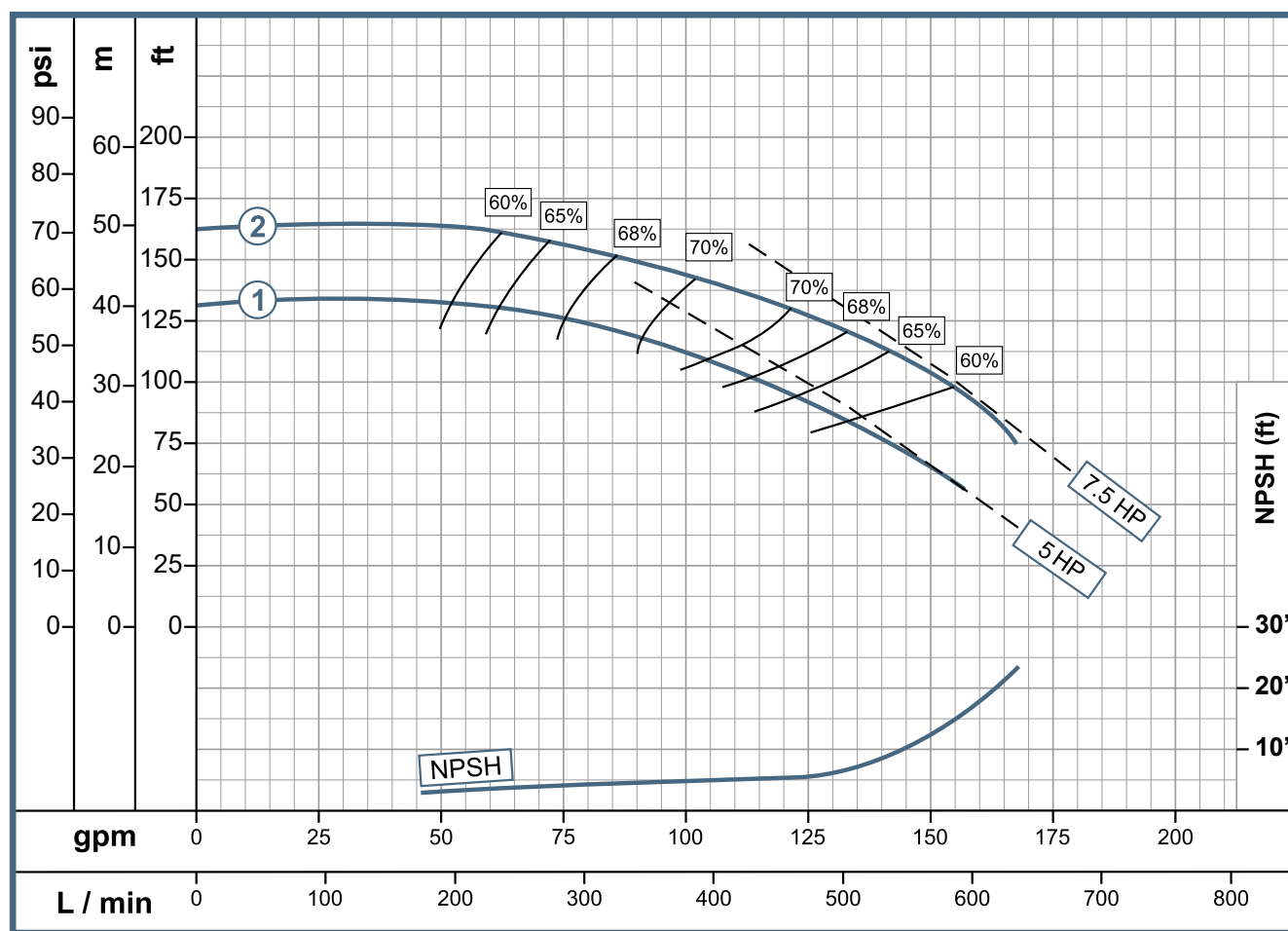


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Pump Features				
Pump Type	Design		Impeller	
Centrifugal	Closed Coupled		Enclosed	
Stages	Mechanical Seal		Fluid Temp	
1	1 1/4" T21		26.6°F to 225°F	
Model	Reference	Ø Suction	Ø Discharge	Ø Impeller
1 ME 1.5 50	1E0476	2	1 1/2	6
2 ME 1.5 75	1E0251	2	1 1/2	6.5

Motor Features				
Drive	Speed (rpm)		Frequency (Hz)	
Electric	3,500 (nominal)		60	
Power (hp)	Phases	Voltage (V)	Motor Casing	Frame
5	3	230 / 460	TEFC	184JM
7.5	3	230 / 460	TEFC	184JM

Performance Curve





Medium Pressure Pumps

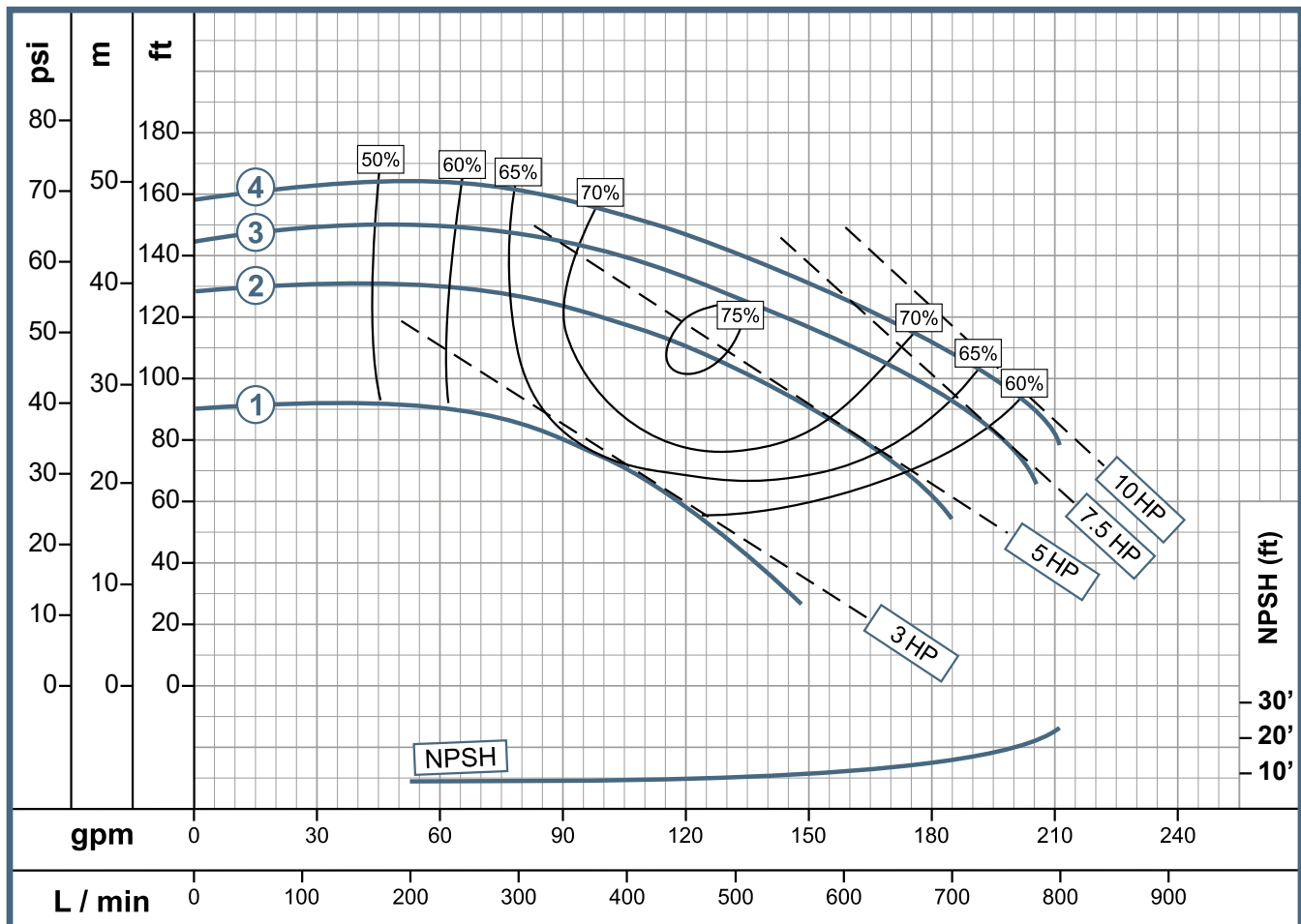
ME 2 30
ME 2 50
ME 2 75
ME 2 100

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Pump Features					
Pump Type		Design		Impeller	
Centrifugal		Closed Coupled		Enclosed	
Stages		Mechanical Seal		Fluid Temp	
1		1 1/4" T21		26.6°F to 225°F	
Model		Reference	Ø Suction	Ø Discharge	Ø Impeller
1	ME 2 30	1E0252	2 1/2	2	5.062
2	ME 2 50	1E0479	2 1/2	2	5.812
3	ME 2 75	1E0254	2 1/2	2	6.375
4	ME 2 100	1E0255	2 1/2	2	6.5

Motor Features				
Drive	Speed (rpm)		Frequency (Hz)	
Electric	3.500 (nominal)		60	
Power (hp)	Phases	Voltage (V)	Motor Casing	Frame
3	3	230 / 460	TEFC	145JM
5	3	230 / 460	TEFC	184JM
7.5	3	230 / 460	TEFC	184JM
10	3	230 / 460	TEFC	215JM

Performance Curve



Medium Pressure Pumps

ME 3 75
ME 3 100
ME 3 150

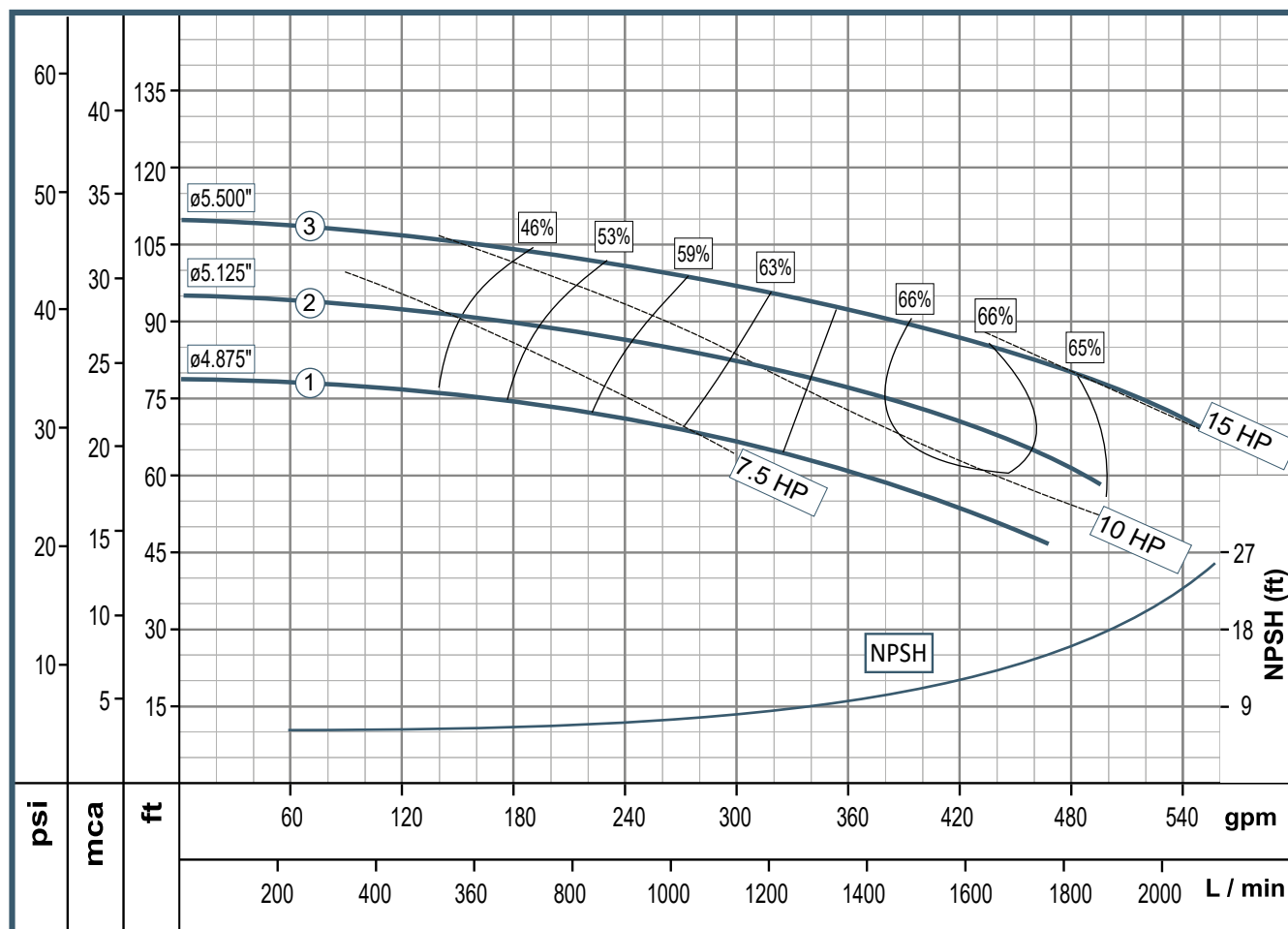


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Pump Features				
Pump Type	Design		Impeller	
Centrifugal	Closed Coupled		Enclosed	
Stages	Mechanical Seal		Fluid Temp	
1	1 1/4" T21		26.6°F to 225°F	
Model	Reference	Ø Suction	Ø Discharge	Ø Impeller
1 ME 3 75	1E0256	3	3	5.062
2 ME 3 100	1E0257	3	3	5.812
3 ME 3 150	1E0258	3	3	6.375

Motor Features				
Drive	Speed (rpm)		Frequency (Hz)	
Electric	3.500 (nominal)		60	
Power (hp)	Phases	Voltage (V)	Motor Casing	Frame
7.5	3	230 / 460	TEFC	184JM
10	3	230 / 460	TEFC	213JM
15	3	230 / 460	TEFC	215JM

Performance Curve





Medium Pressure Pumps

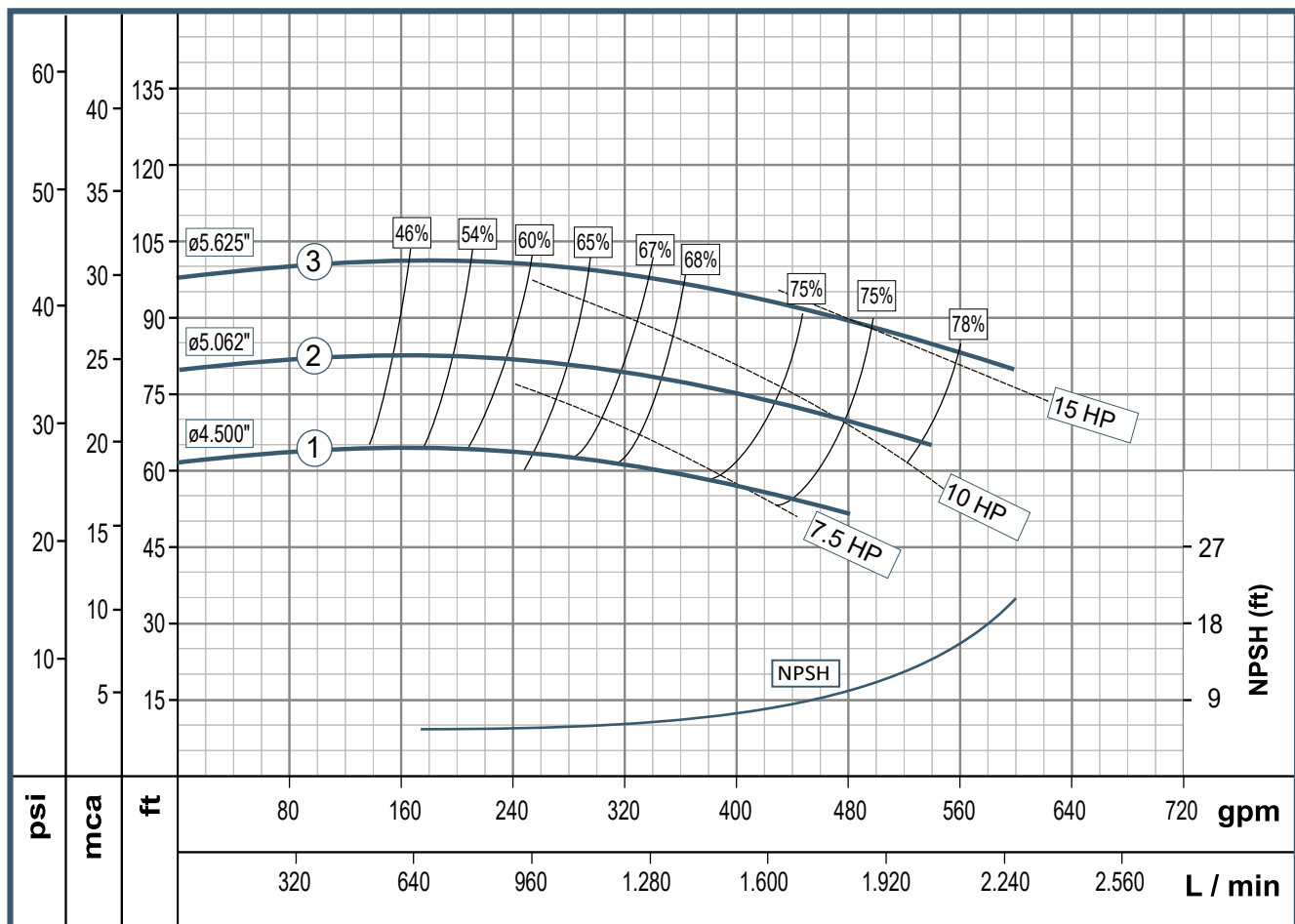
ME 4 75
ME 4 100
ME 4 150

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Pump Features					
Pump Type		Design		Impeller	
Centrifugal		Closed Coupled		Enclosed	
Stages		Mechanical Seal		Fluid Temp	
1		1 1/4" T21		26.6°F to 225°F	
Model	Reference	Ø Suction	Ø Discharge	Ø Impeller	
1	ME 4 75	1E0259	4	5.062	
2	ME 4 100	1E0260	4	5.812	
3	ME 4 150	1E0261	4	6.375	

Motor Features				
Drive		Speed (rpm)	Frequency (Hz)	
Electric		3.500 (nominal)	60	
Power (hp)	Phases	Voltage (V)	Motor Casing	Frame
7.5	3	230 / 460	TEFC	184JM
10	3	230 / 460	TEFC	213JM
15	3	230 / 460	TEFC	215JM

Performance Curve



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