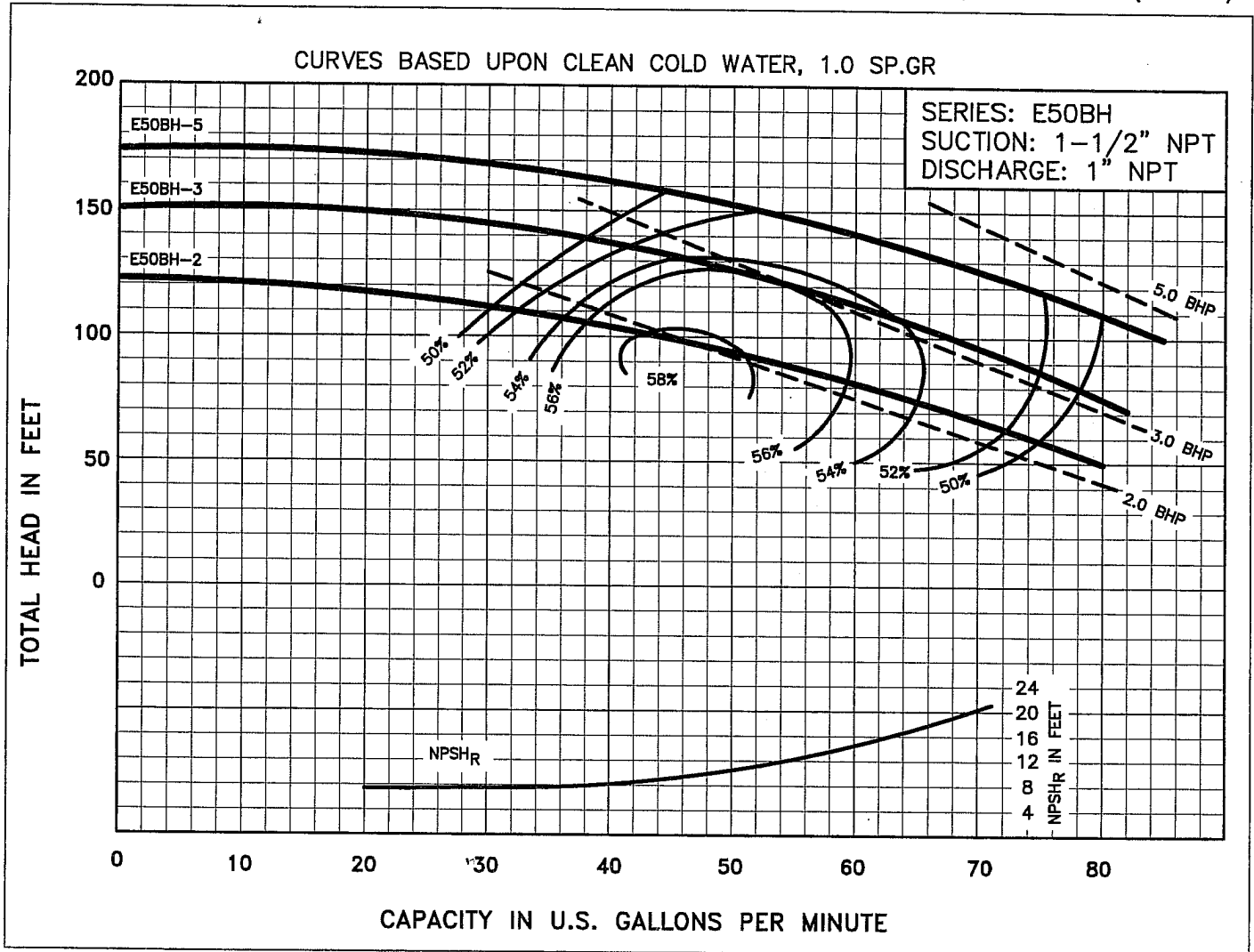


Lancaster

End Suction Centrifugal Pump
Series: E50BH

3500 rpm ODP Motor
Performance curves

Max. working pressure 150 psig • Max. liquid temperature 180°F (continuous use), 211°F (intermittent use) • Rotation C.W. (motor end)



3500 RPM 60 HZ. ODP MOTORS					
MODEL	HP	SF	PH	VOLTAGE	FR.
E50BH-2-1	2	1.20	1	115/230	56C
E50BH-3-1	3	1.15	1	115/230	56C
E50BH-5-1	5	1.15	1	230	184JM
E50BH-2-3	2	1.20	3	208-230/460	56C
E50BH-3-3	3	1.15	3	208-230/460	56C
E50BH-5-3	5	1.15	3	208-230/460	182JM

TEFC Motors Available— Consult Factory

PUMP COMPONENT	MATERIAL
Casing	Cast Iron
Bracket	Cast Iron
Base (2 & 3 hp)	Cast Iron
Impeller	Brass
Pump Shaft/Coupling (2 & 3 hp)	Brass
Shaft Seal Sleeve (5 hp)	300 Series Stainless Steel
Shaft Seal	Carbon/ceramic with Buna-N elastomer and stainless steel parts (For temperatures above 211°F or abrasive applications consult factory.)

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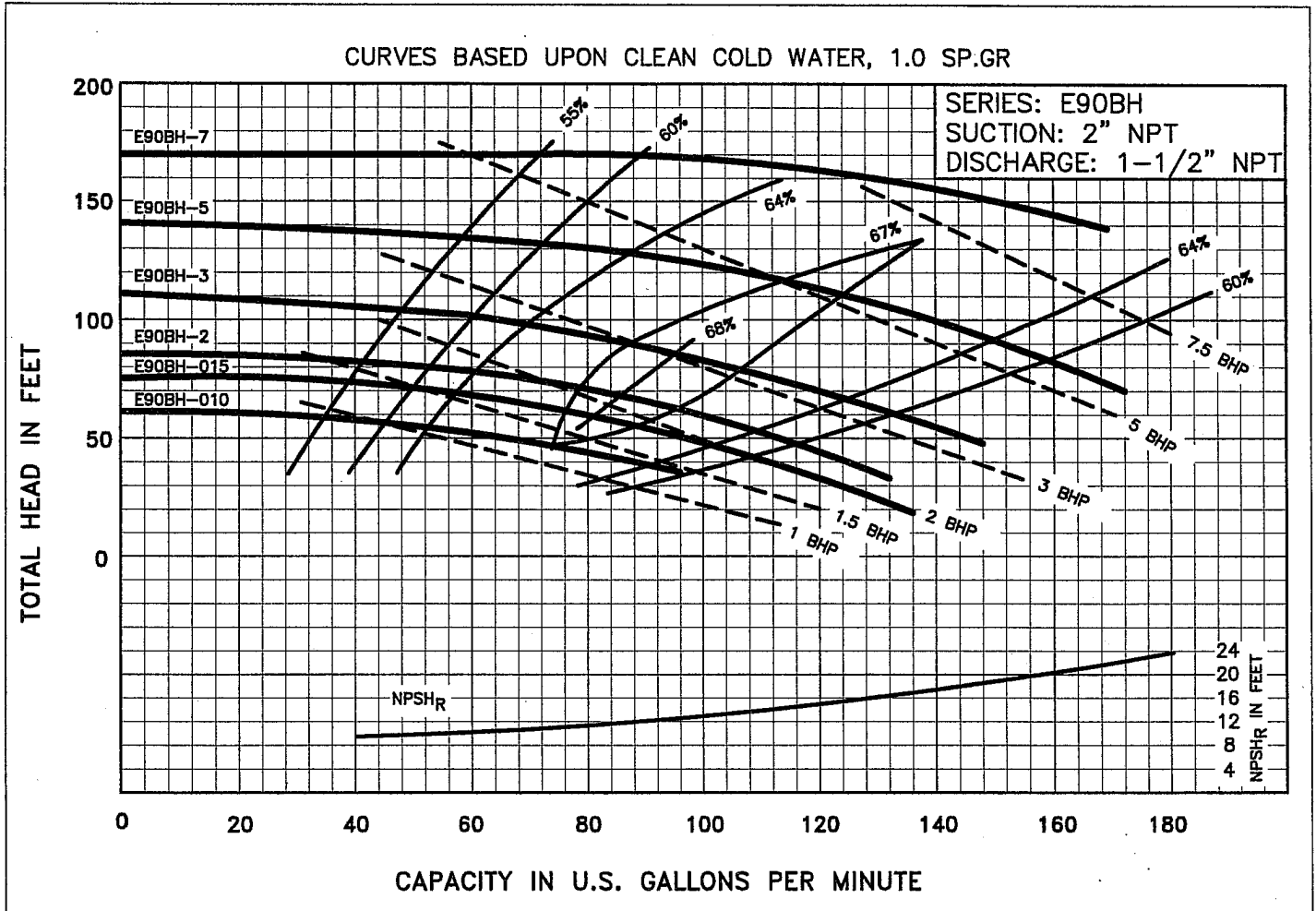
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Lancaster

End Suction Centrifugal Pump
Series: E90BH

3500 rpm ODP Motor
Performance curves

Max. working pressure 150 psig • Max. liquid temperature 180°F (continuous use), 211°F (intermittent use) • Rotation C.W. (motor end)



3500 RPM 60 HZ. ODP MOTORS					
MODEL	HP	SF	PH	VOLTAGE	FR.
E90BH-010-1	1	1.40	1	115/230	56C
E90BH-015-1	1-1/2	1.30	1	115/230	56C
E90BH-2-1	2	1.20	1	115/230	56C
E90BH-3-1	3	1.15	1	115/230	56C
E90BH-5-1	5	1.15	1	230	184JM
E90BH-010-3	1	1.40	3	208-230/460	56C
E90BH-015-3	1-1/2	1.30	3	208-230/460	56C
E90BH-2-3	2	1.20	3	208-230/460	56C
E90BH-3-3	3	1.15	3	208-230/460	56C
E90BH-5-3	5	1.15	3	208-230/460	182JM
E90BH-7-3	7-1/2	1.15	3	208-230/460	184JM

TEFC Motors Available— Consult Factory

PUMP COMPONENT	MATERIAL
Casing	Cast Iron
Bracket	Cast Iron
Base (1 thru 3 hp)	Cast Iron
Impeller	Brass
Pump Shaft/Coupling (1 thru 3 hp)	Brass
Shaft Seal Sleeve (5 & 7-1/2 hp)	300 Series Stainless Steel
Shaft Seal	Carbon/ceramic with Buna-N elastomer and stainless steel parts (For temperatures above 211°F or abrasive applications consult factory.)

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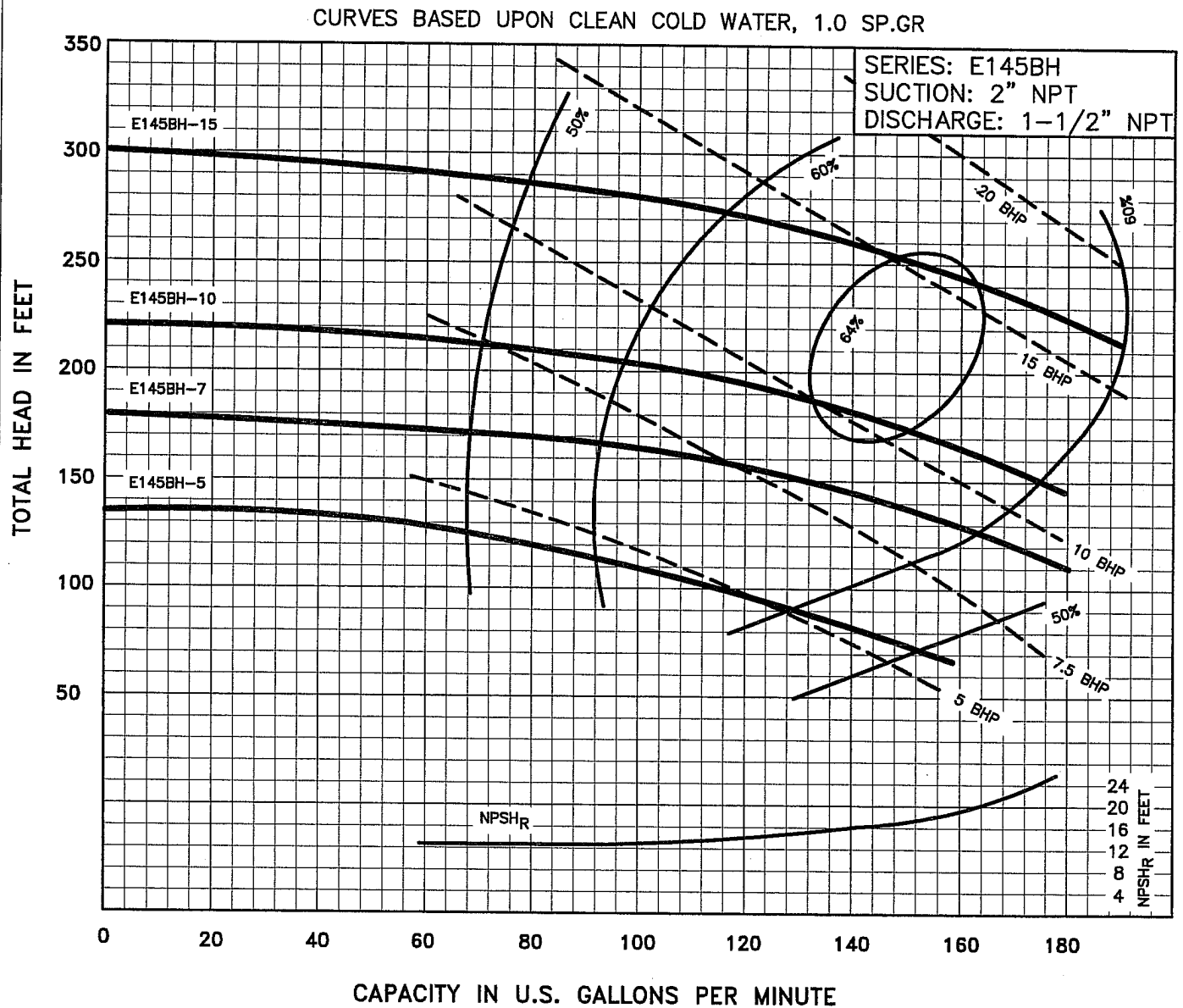
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Lancaster

End Suction Centrifugal Pump
Series: E145BH

3500 rpm ODP Motor
Performance curves

Max. working pressure 150 psig • Max. liquid temperature 180°F (continuous use), 211°F (intermittent use) • Rotation C.W. (motor end)



3500 RPM 60 HZ. ODP MOTORS					
MODEL	HP	SF	PH	VOLTAGE	FR.
E145BH-5-1	5	1.15	1	230	184JM
E145BH-5-3	5	1.15	3	208-230/460	182JM
E145BH-7-3	7-1/2	1.15	3	208-230/460	184JM
E145BH-10-3	10	1.15	3	208-230/460	213JM
E145BH-15-3	15	1.15	3	208-230/460	215JM

TEFC Motors Available— Consult Factory

PUMP COMPONENT	MATERIAL
Casing	Cast Iron
Bracket	Cast iron
Impeller	Brass
Shaft Seal Sleeve	300 Series Stainless Steel
Shaft Seal	Carbon/ceramic with Buna-N elastomer and stainless steel parts (For temperatures above 211°F or abrasive applications consult factory.)

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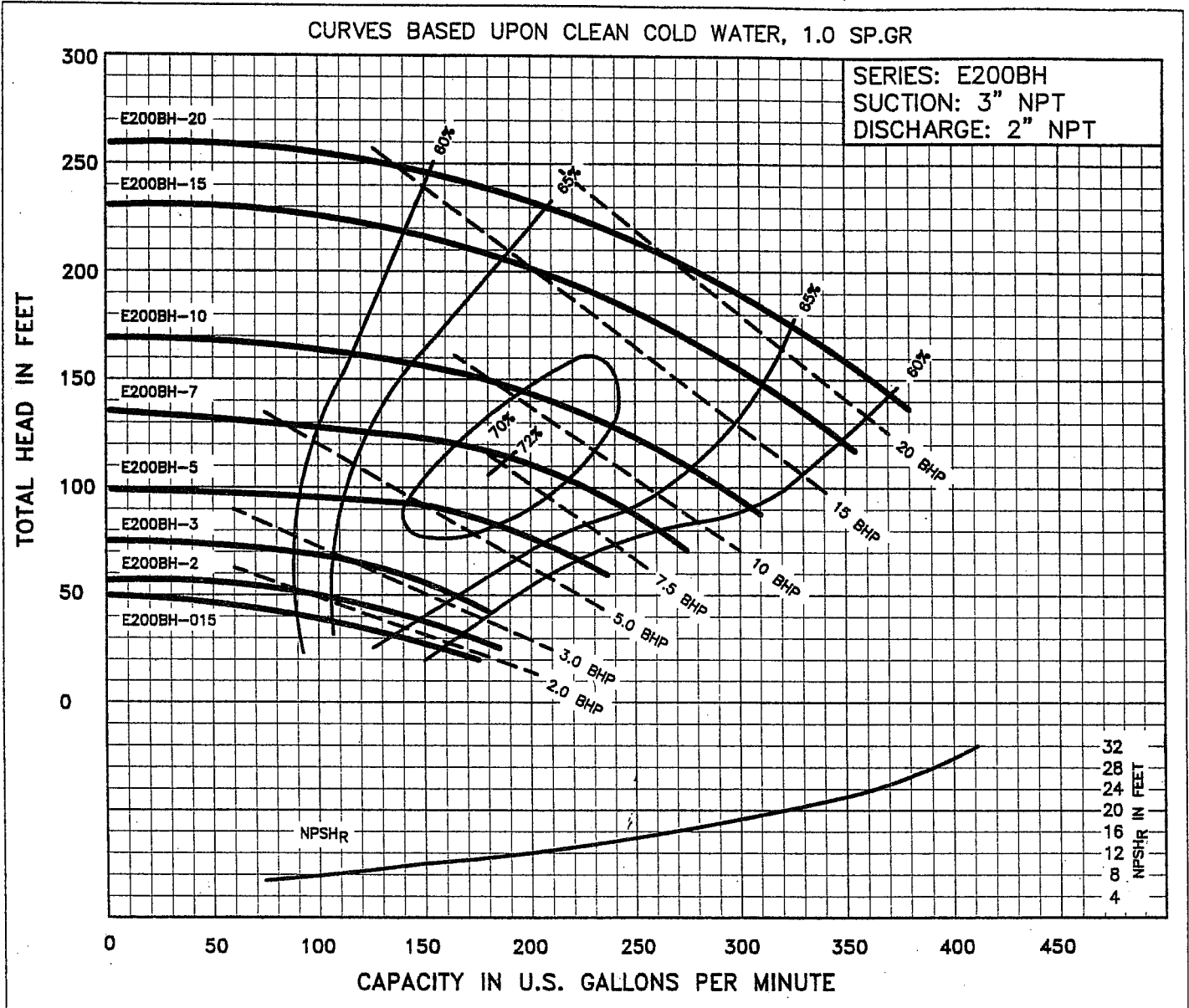
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Lancaster

End Suction Centrifugal Pump
Series: E200BH

3500 rpm ODP Motor
Performance curves

Max. working pressure 150 psig • Max. liquid temperature 180°F (continuous use), 211°F (intermittent use) • Rotation C.W. (motor end)



3500 RPM 60 HZ. ODP MOTORS					
MODEL	HP	SF	PH	VOLTAGE	FR.
E200BH-015-1	1-1/2	1.30	1	115/230	56C
E200BH-2-1	2	1.20	1	115/230	56C
E200BH-3-1	3	1.15	1	115/230	56C
E200BH-5-1	5	1.15	1	230	184JM
E200BH-015-3	1-1/2	1.30	3	208-230/460	56C
E200BH-2-3	2	1.20	3	208-230/460	56C
E200BH-3-3	3	1.15	3	208-230/460	56C
E200BH-5-3	5	1.15	3	208-230/460	182JM
E200BH-7-3	7-1/2	1.15	3	208-230/460	184JM
E200BH-10-3	10	1.15	3	208-230/460	213JM
E200BH-15-3	15	1.15	3	208-230/460	215JM
E200BH-20-3	20	1.15	3	208-230/460	254JM

PUMP COMPONENT	MATERIAL
Casing	Cast iron
Bracket	Cast iron
Base (1-1/2 thru 3 hp)	Cast Iron
Impeller	Brass
Pump Shaft/Coupling (1-1/2 thru 3 hp)	Brass
Shaft Seal Sleeve (5 thru 20 hp)	300 Series Stainless Steel
Shaft Seal	Carbon/ceramic with Buna-N elastomer and stainless steel parts (For temperatures above 211°F or abrasive applications consult factory.)

TEFC Motors Available— Consult Factory

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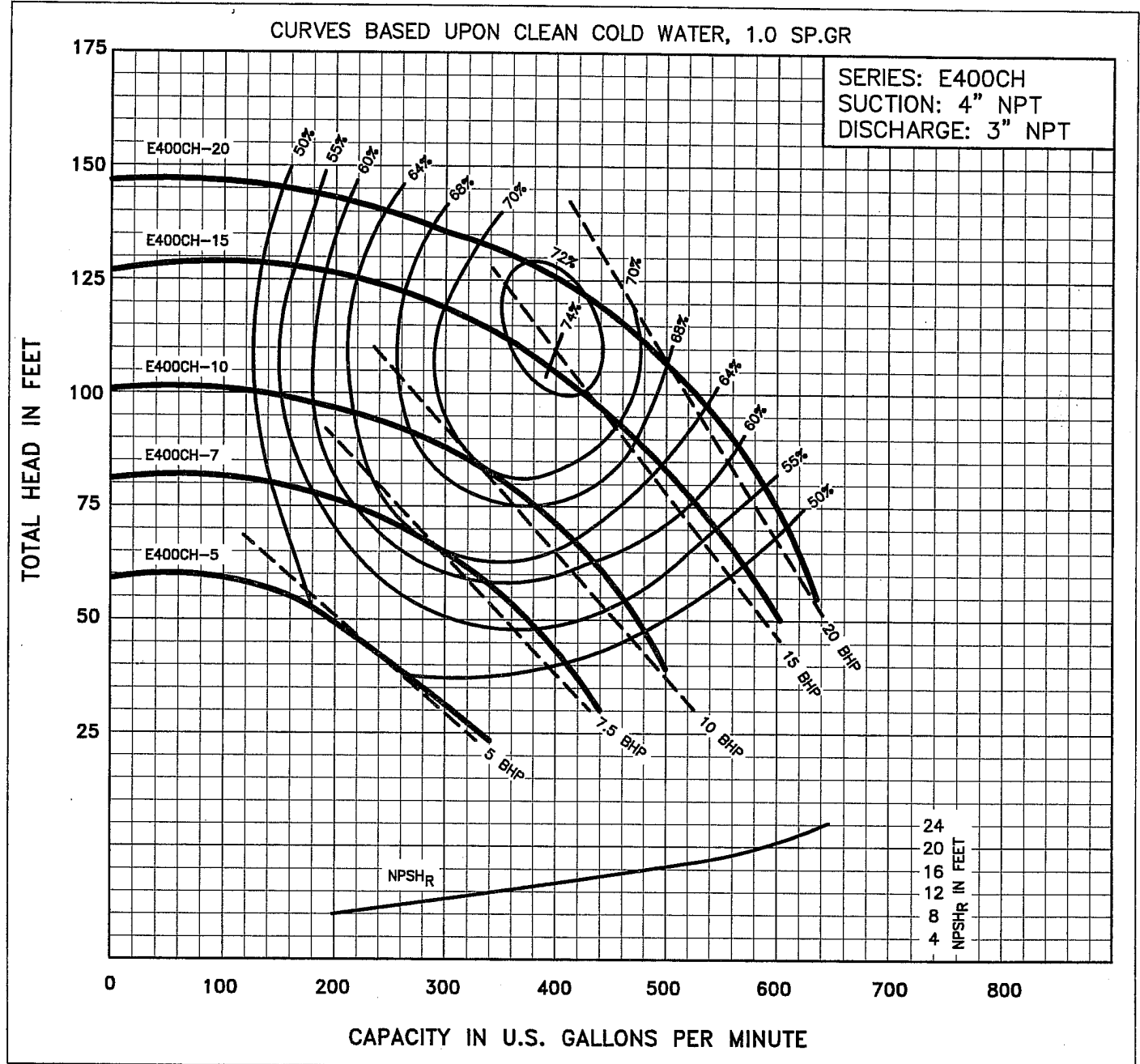
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Lancaster

End Suction Centrifugal Pump
Series: E400CH

3500 rpm ODP Motor
Performance curves

Max. working pressure 150 psig • Max. liquid temperature 180°F (continuous use), 211°F (intermittent use) • Rotation C.W. (motor end)



3500 RPM 60 HZ. ODP MOTORS					
MODEL	HP	SF	PH	VOLTAGE	FR.
E400CH-5-1	5	1.15	1	230	184JM
E400CH-5-3	5	1.15	3	208-230/460	182JM
E400CH-7-3	7-1/2	1.15	3	208-230/460	184JM
E400CH-10-3	10	1.15	3	208-230/460	213JM
E400CH-15-3	15	1.15	3	208-230/460	215JM
E400CH-20-3	20	1.15	3	208-230/460	254JM

TEFC Motors Available— Consult Factory

PUMP COMPONENT	MATERIAL
Casing	Cast iron
Bracket	Cast iron
Impeller	Cast iron
Shaft Seal Sleeve	300 Series Stainless Steel
Shaft Seal	Carbon/ceramic with Buna-N elastomer and stainless steel parts (For temperatures above 211°F or abrasive applications consult factory.)

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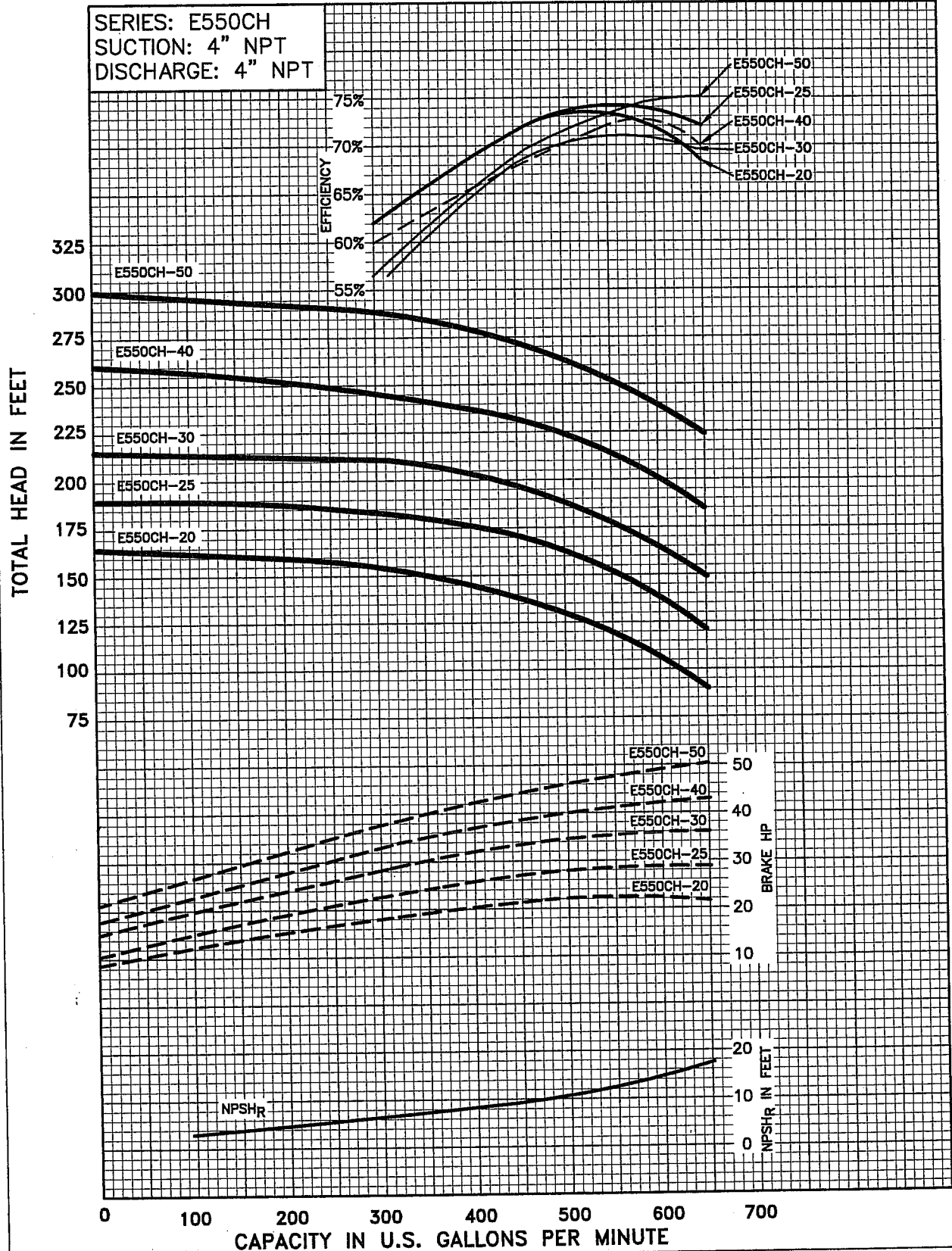
Lancaster

End Suction Centrifugal Pump
Series: E550CH

3500 rpm ODP Motor
Performance curves

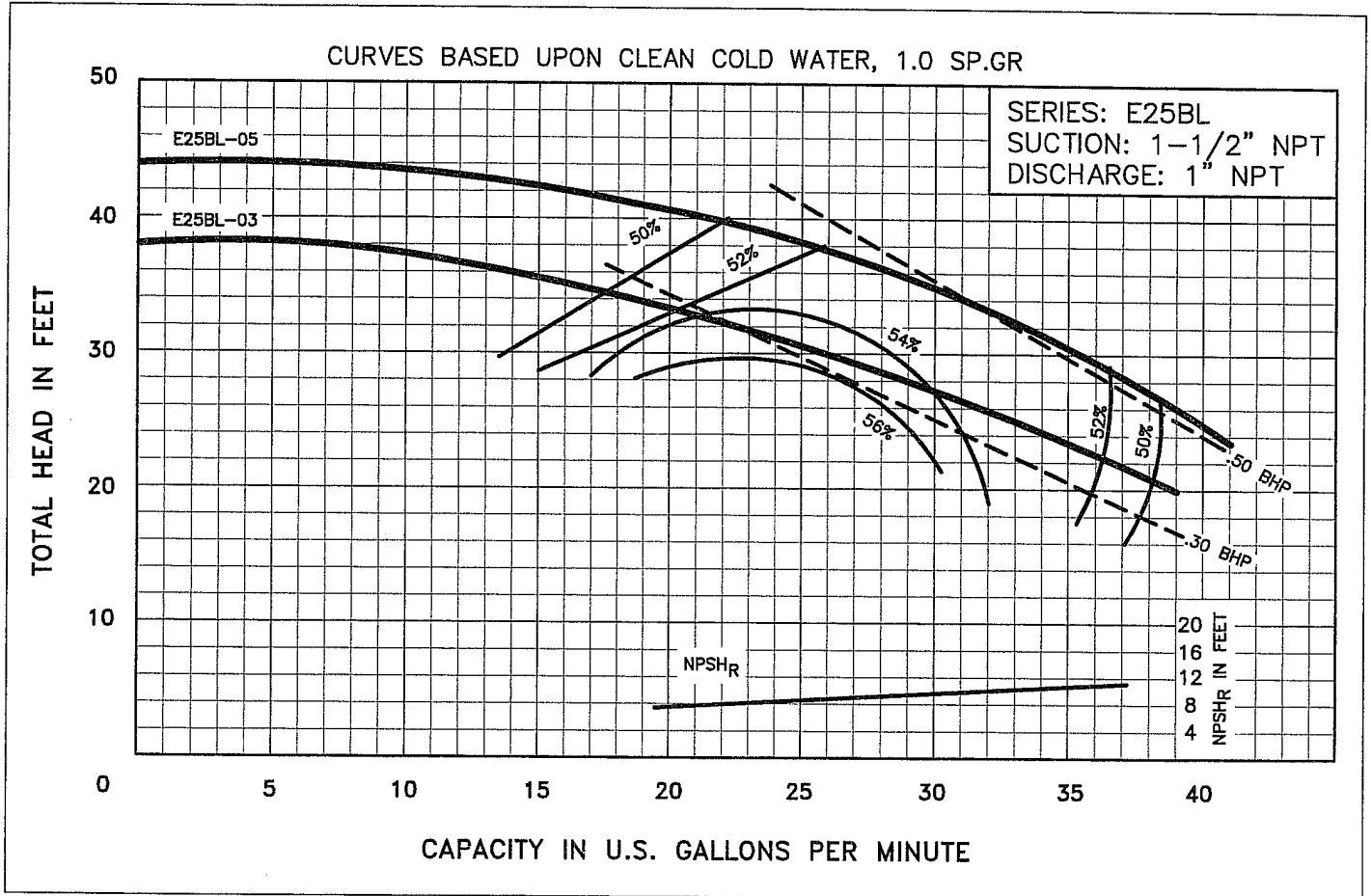
Max. working pressure 150 psig • Max. liquid temperature 180°F (continuous use), 211°F (intermittent use) • Rotation C.W. (motor end)

CURVES BASED UPON CLEAN COLD WATER, 1.0 SP.GR



For pump components and motor data

Max. working pressure 150 psig • Max. liquid temperature 180°F (continuous use), 211°F (intermittent use) • Rotation C.W. (motor end)



1750 RPM 60 HZ. ODP MOTORS					
MODEL	HP	SF	PH	VOLTAGE	FR.
E25BL-03-1	1/3	1.35	1	115/230	56C
E25BL-05-1	1/2	1.25	1	115/230	56C
E25BL-03-3	1/3	1.35	3	208-230/460	56C
E25BL-05-3	1/2	1.25	3	208-230/460	56C

TEFC Motors Available— Consult Factory

PUMP COMPONENT	MATERIAL
Casing	Cast iron
Bracket	Cast iron
Base	Cast iron
Impeller	Brass
Pump Shaft / Coupling	Brass
Shaft Seal	Carbon/ceramic with Buna-N elastomer and stainless steel parts (For temperatures above 211°F or abrasive applications consult factory.)

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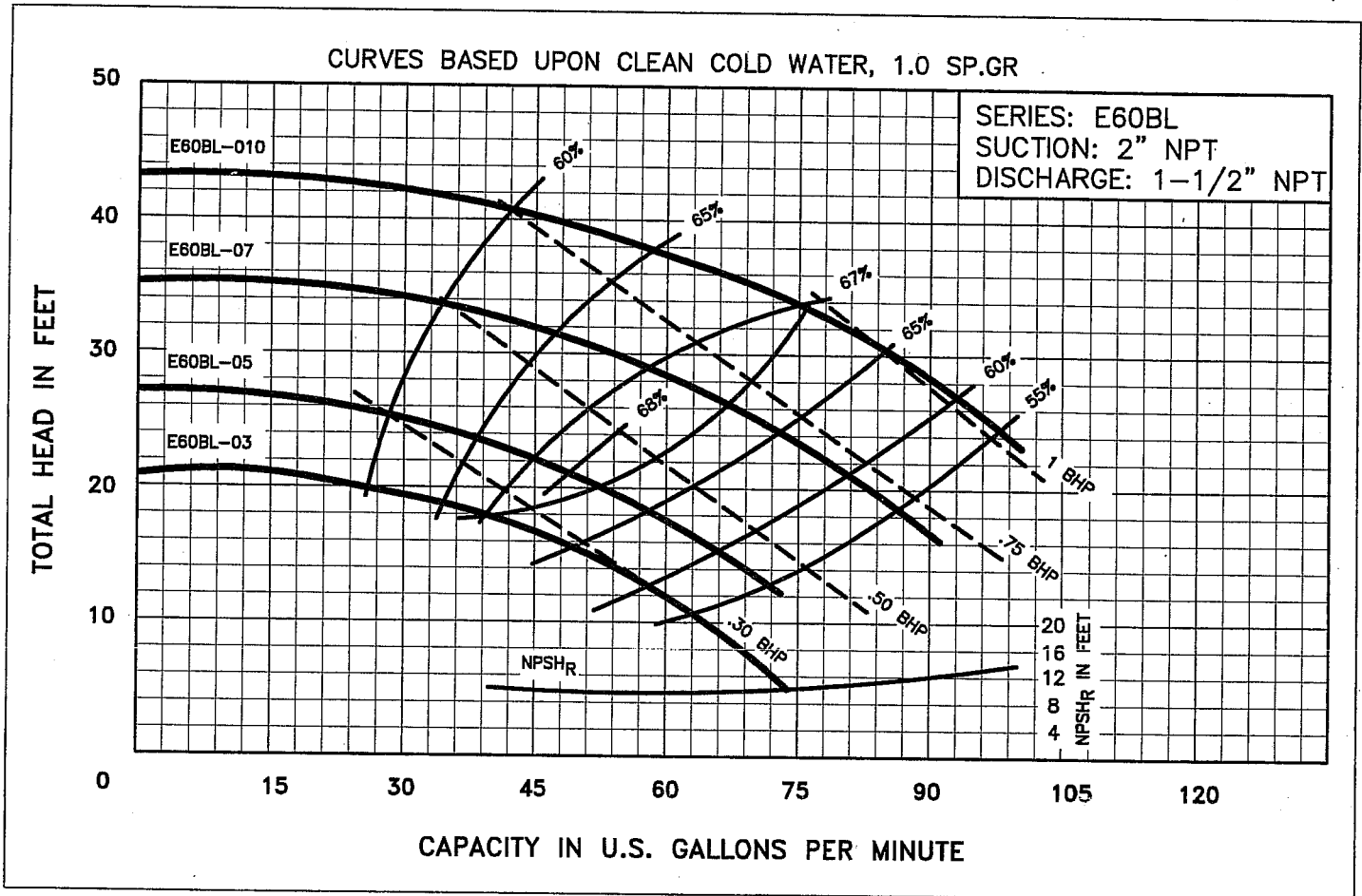
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Lancaster

End Suction Centrifugal Pump
Series: E60BL

1750 rpm ODP Motor
Performance curves

Max. working pressure 150 psig • Max. liquid temperature 180°F (continuous use), 211°F (intermittent use) • Rotation C.W. (motor end)



1750 RPM 60 HZ. ODP MOTORS					
MODEL	HP	SF	PH	VOLTAGE	FR.
E60BL-03-1	1/3	1.35	1	115/230	56C
E60BL-05-1	1/2	1.25	1	115/230	56C
E60BL-07-1	3/4	1.25	1	115/230	56C
E60BL-010-1	1	1.15	1	115/230	56C
E60BL-03-3	1/3	1.35	3	208-230/460	56C
E60BL-05-3	1/2	1.25	3	208-230/460	56C
E60BL-07-3	3/4	1.25	3	208-230/460	56C
E60BL-010-3	1	1.15	3	208-230/460	56C

TEFC Motors Available— Consult Factory

PUMP COMPONENT	MATERIAL
Casing	Cast iron
Bracket	Cast iron
Base	Cast iron
Impeller	Brass
Pump Shaft / Coupling	Brass
Shaft Seal	Carbon/ceramic with Buna-N elastomer and stainless steel parts (For temperatures above 211°F or abrasive applications consult factory.)

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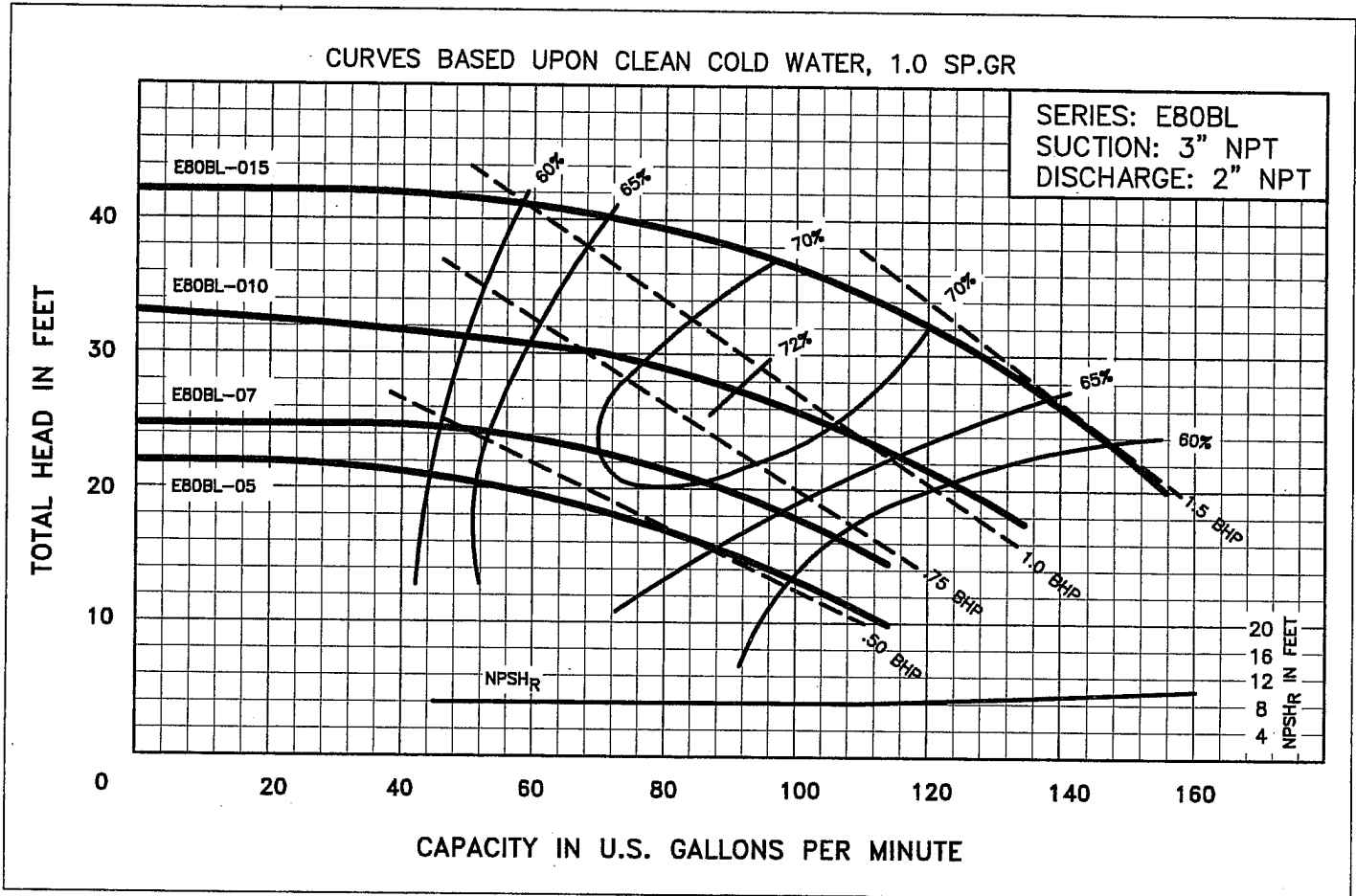
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Lancaster

End Suction Centrifugal Pump
Series: E80BL

1750 rpm ODP Motor
Performance curves

Max. working pressure 150 psig • Max. liquid temperature 180°F (continuous use), 211°F (intermittent use) • Rotation C.W. (motor end)



1750 RPM 60 HZ. ODP MOTORS					
MODEL	HP	SF	PH	VOLTAGE	FR.
E80BL-05-1	1/2	1.25	1	115/230	56C
E80BL-07-1	3/4	1.25	1	115/230	56C
E80BL-010-1	1	1.15	1	115/230	56C
E80BL-015-1	1-1/2	1.15	1	115/230	56C
E80BL-05-3	1/2	1.25	3	208-230/460	56C
E80BL-07-3	3/4	1.25	3	208-230/460	56C
E80BL-010-3	1	1.15	3	208-230/460	56C
E80BL-015-3	1-1/2	1.15	3	208-230/460	56C

TEFC Motors Available— Consult Factory

PUMP COMPONENT	MATERIAL
Casing	Cast iron
Bracket	Cast iron
Base	Cast iron
Impeller	Brass
Pump Shaft / Coupling	Brass
Shaft Seal	Carbon/ceramic with Buna-N elastomer and stainless steel parts (For temperatures above 211°F or abrasive applications consult factory.)

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