

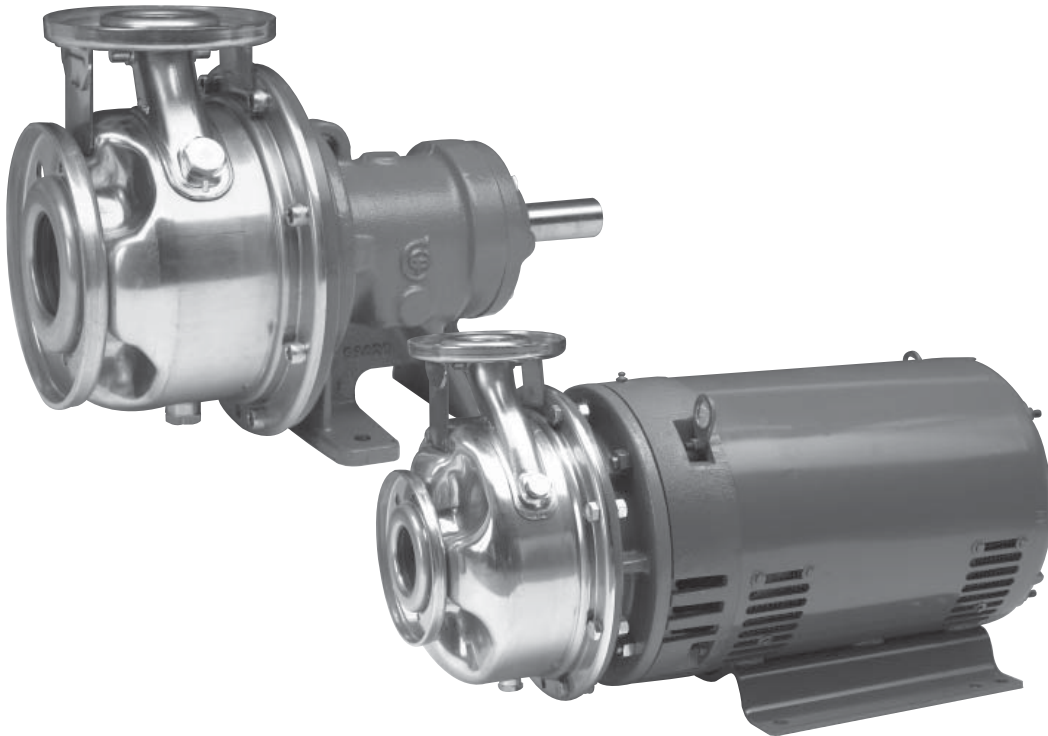
ITT

Commercial Water

Goulds Pumps

G&L Series SSH

S & M-Group 316 Stainless Steel End Suction Pumps



 **GOULDS PUMPS**

www.goulds.com

Engineered for life

A Full Range of Product Features

Superior Materials of

Construction: AISI Type 316L stainless steel pump parts for reduced corrosion and improved strength and ductility.

Frame Mounted Design:

Flexibility of installation and driver arrangements.

Back Pull-Out Design: Simplifies maintenance when used with spacer type coupling.

Cast Iron Power Frame: Rigidly supported, grease lubricated ball bearing assembly.

Mechanical Seal: Standard John Crane Type 21 mechanical seal.

Drive Motors: Standard NEMA design T-frame or JM motors in single or three phase.

Suction and Discharge

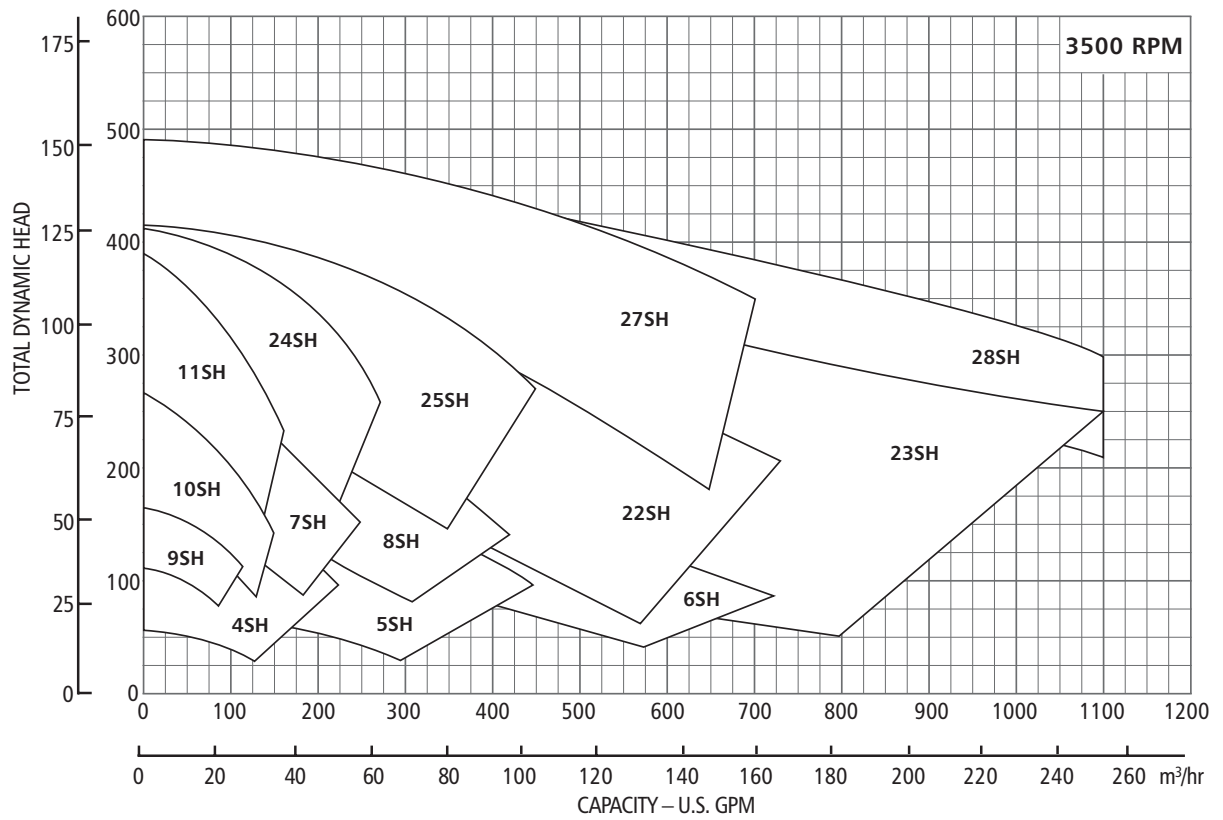
Flanges: Mate with ANSI class 150 flanges.

Close-Coupled Design:

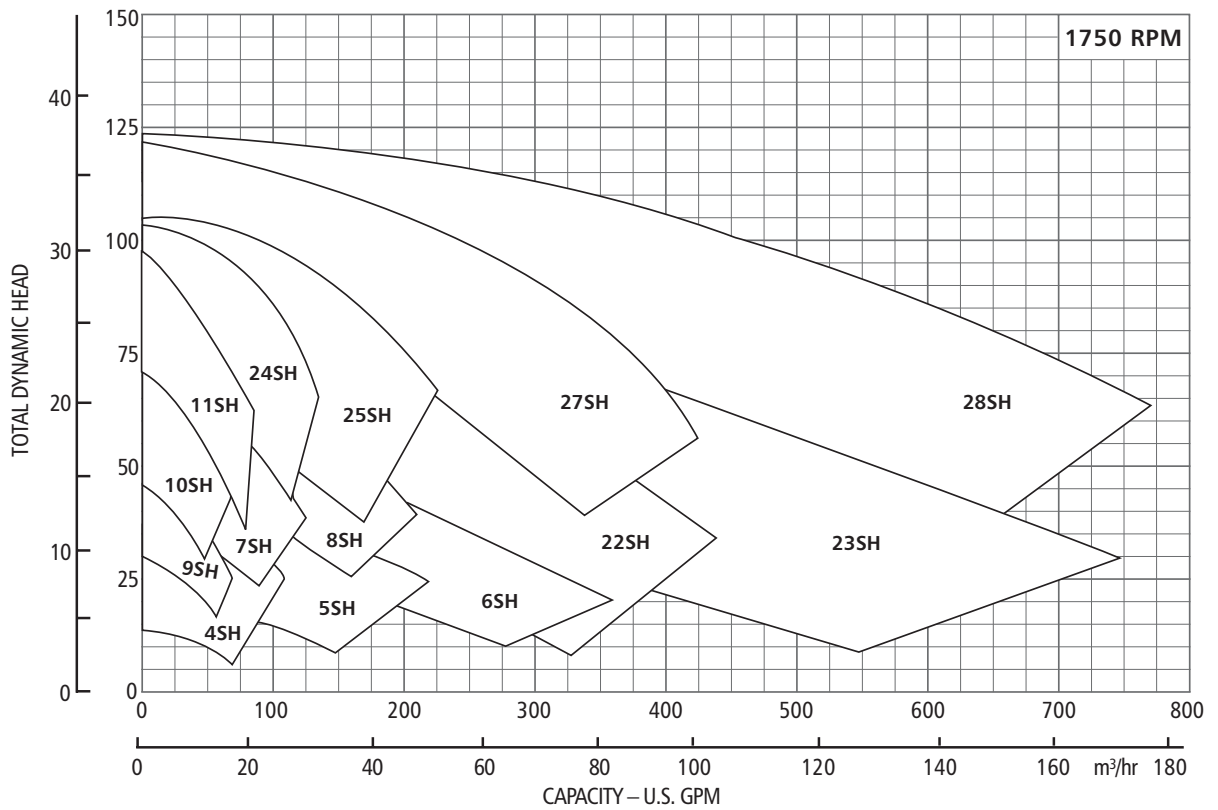
Compact design saves space and simplifies maintenance.

Performance Coverage, 3500 and 1750 RPM

METERS FEET



METERS FEET



SSH S/M-Group Numbering System

Example Product Code

24 SH 1 Q 1 2 A 0

Mechanical Seals and O-Ring

0 = Pre-engineered standard
For optional mechanical seal modify catalog order no. with seal code listed below.

John Crane Type 21 Mechanical Seal						
Seal Code	Rotary	Stationary	Elastomers	Metal Parts	Part No.	
					180-210 Frames	250-360 Frames
0	Carbon	Sil-Carb	Viton	316 SS	10K27	10K45
2			EPR		10K19	10K20
5	Sil-Carb	Sil-Carb	Viton		10K64	10K65

Impeller Option Code

For optional impeller diameters modify catalog order no. with impeller code listed below.
Select optional impeller diameter from pump performance curve.

Impeller Code	Pump Size													
	9SH 1 x 2-6 Dia.	10SH 1 x 2-8 Dia.	11SH 1 x 2-10 Dia.	4SH 1 1/2 x 2 1/2-6 Dia.	7SH 1 1/2 x 2 1/2-8 Dia.	5SH 2 x 2 1/2-6 Dia.	8SH 2 x 2 1/2-8 Dia.	6SH 2 1/2 x 3-6 Dia.	22SH 2 1/2 x 3-8 Dia.	23SH 3 x 4-8 Dia.	24SH 1 1/2 x 2 1/2-10 Dia.	25SH 2 x 2 1/2-10 Dia.	27SH 2 1/2 x 3-10 Dia.	28SH 3 x 4-10 Dia.
A	6 5/8	8 27/64	10 3/32	6 3/4	8 1/4	6 7/8	8 1/4	7 5/16	9 1/16	9 1/16	9 7/8	9 7/8	10 3/8	10 5/8
B	6 7/16	8 1/16	9 17/32	6 3/8	7 13/16	6 7/16	7 3/4	7 1/8	8 3/4	8 11/16	9 1/2	9 1/2	9 15/16	10 1/4
C	5 11/16	7 11/16	9 1/8	6 1/16	7	5 13/16	7 1/2	6 15/16	8 1/2	8 7/16	9 3/16	9 1/8	9 9/16	9 13/16
D	5 3/8	7 3/8	8 3/4	5 5/8	6 3/4	5 1/2	7 3/16	6 11/16	8 1/4	8 1/16	8 7/8	8 13/16	9 1/4	9 7/16
E		7 1/8		5 5/16	6 7/16	5 5/8	6 7/8	6 3/8	7 7/8	7 11/16	8 9/16	8 3/16	8 3/4	9 1/16
F				4 11/16	6 1/8	4 13/16	6 3/16	6 1/16	7 1/2	7 1/2	8 1/4	7 15/16		8 11/16
G				4 3/8		4 7/16		5 5/8	7 1/8	7 1/8		7 11/16		
H				4 3/16		4 1/4			6 11/16	6 7/8				
J				3 7/8					6 1/2	6 1/2				
K										6				
L										5 1/2				

Motor Enclosure

1 = ODP
2 = TEFC
3 = Explosion Proof
4 = ODP Premium Eff.
5 = TEFC Premium Eff.
6 = XP Premium Eff.
7 = Wash down

Motor Voltage

1 = 115/208-230
2 = 115/230
3 = 230
4 = 230/460
5 = 208-230/460
6 = 460
7 = 575

HP Rating, Potencia nominal

C = 1/2 F = 1.5 J = 5 M = 15 Q = 30 T = 60
D = .75 G = 2 K = 7.5 N = 20 R = 40 U = 75
E = 1 H = 3 L = 10 P = 25 S = 50 V = 100

Driver: Hertz/Pole/RPM

1 = 60/3500/1
2 = 60/3500/3
3 = 60/1750/1
4 = 60/1750/3
5 = 50/2900/1
6 = 50/2900/3

Material

SH = 316L Stainless steel

Pump Size

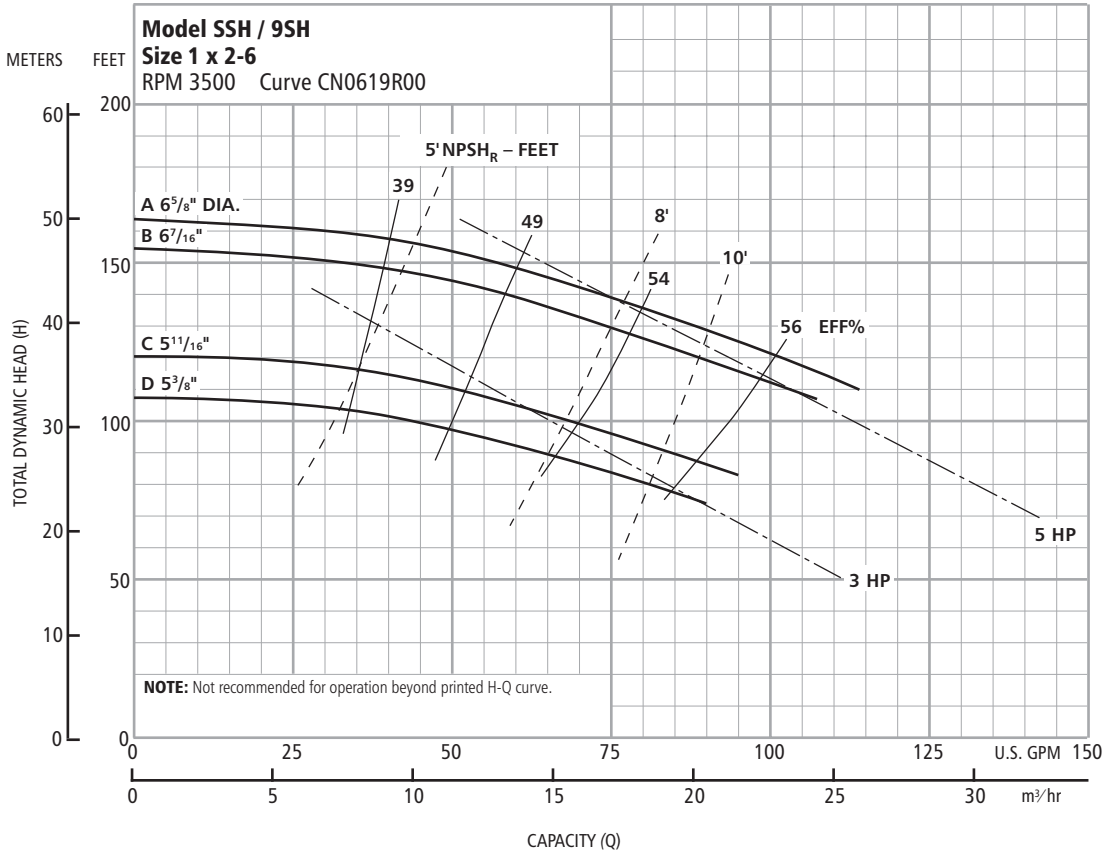
9 = 1 x 2 - 6
10 = 1 x 2 - 8
11 = 1 x 2 - 10
23 = 3 x 4 - 8
27 = 2 1/2 x 3 - 10
4 = 1 1/2 x 2 1/2 - 6
7 = 1 1/2 x 2 1/2 - 8
5 = 2 x 2 1/2 - 6
24 = 1 1/2 x 2 1/2 - 10
28 = 3 x 4 - 10
8 = 2 x 2 1/2 - 8
6 = 2 1/2 x 3 - 6
22 = 2 1/2 x 3 - 8
25 = 2 x 2 1/2 - 10

Frame Options

Substitute	Description
FRM2	7/8" Imp. Bore
FRM3	1 1/4" Imp. Bore

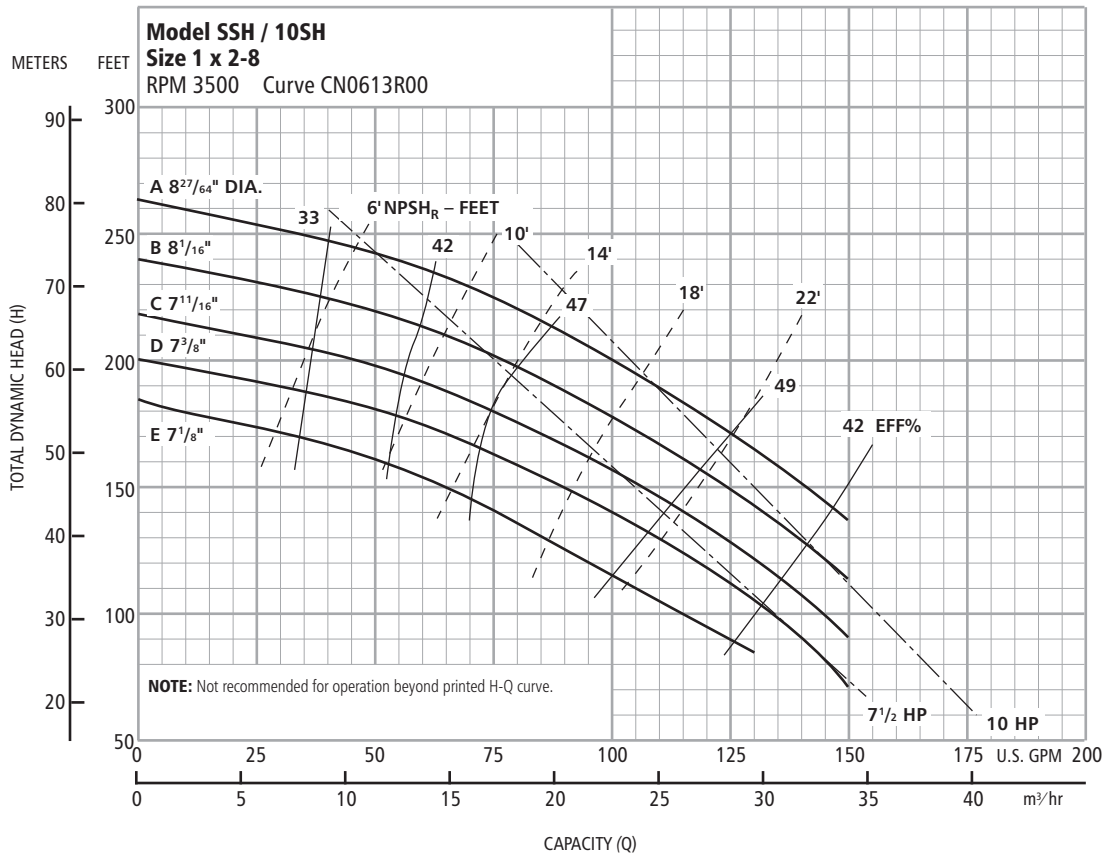
NOTE: Not all combinations of motor, impeller and seal options are available for every pump model. Please check with G&L on non-cataloged numbers.

Performance Curves – 60 Hz, 3500 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	6 ⁵ / ₈ "	5
B	6 ⁷ / ₁₆ "	5
C	5 ¹¹ / ₁₆ "	3
D	5 ³ / ₈ "	3

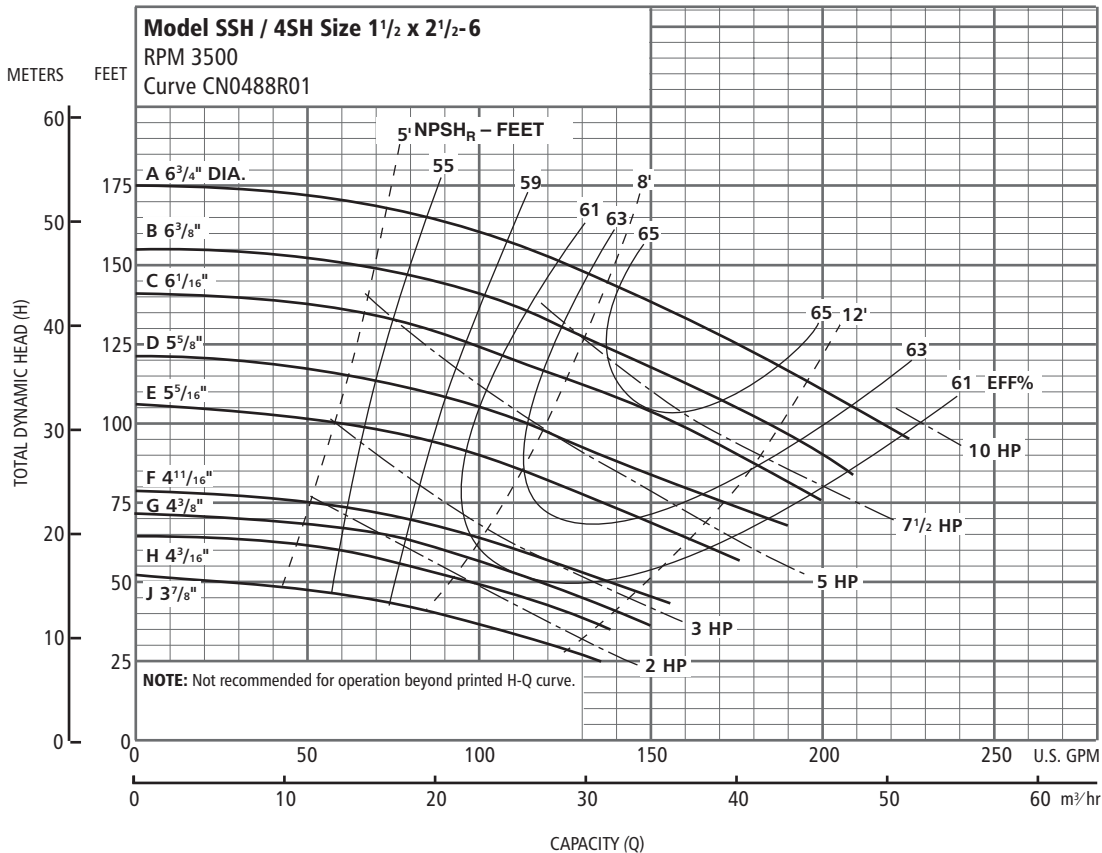
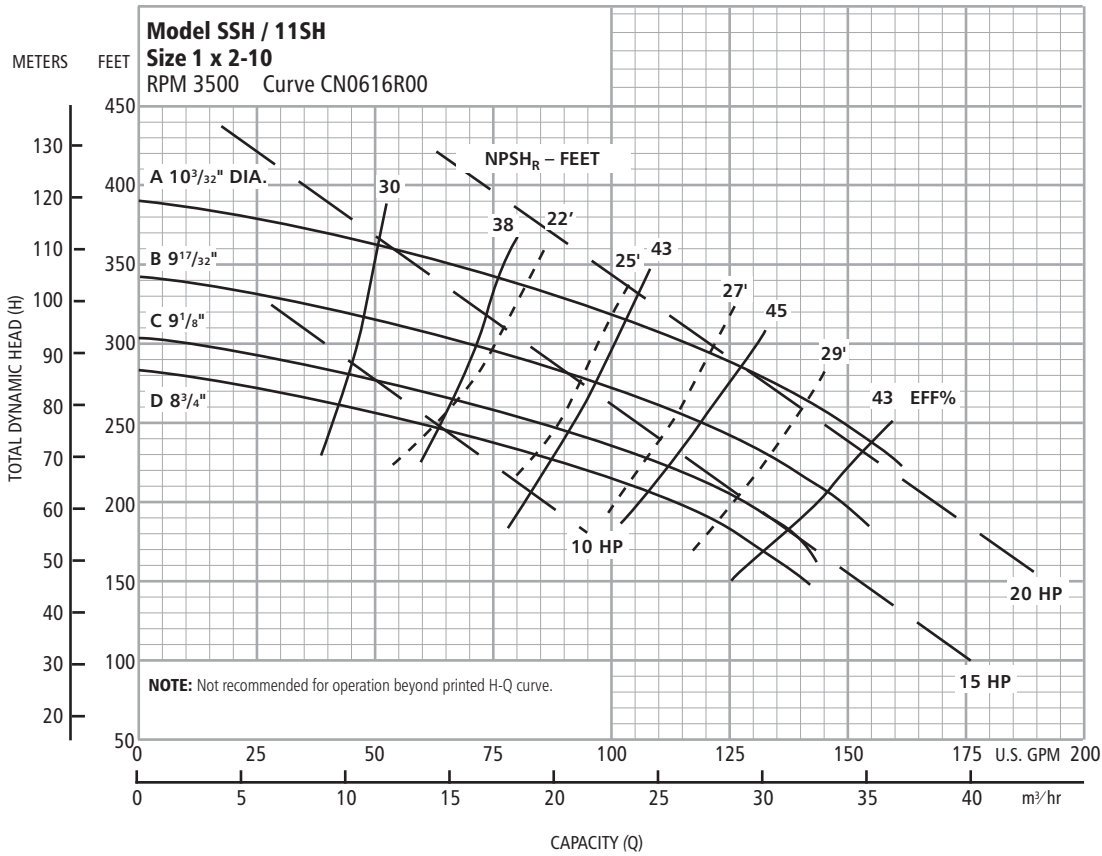
NOTE: Pump will pass a sphere to 1/8" diameter.



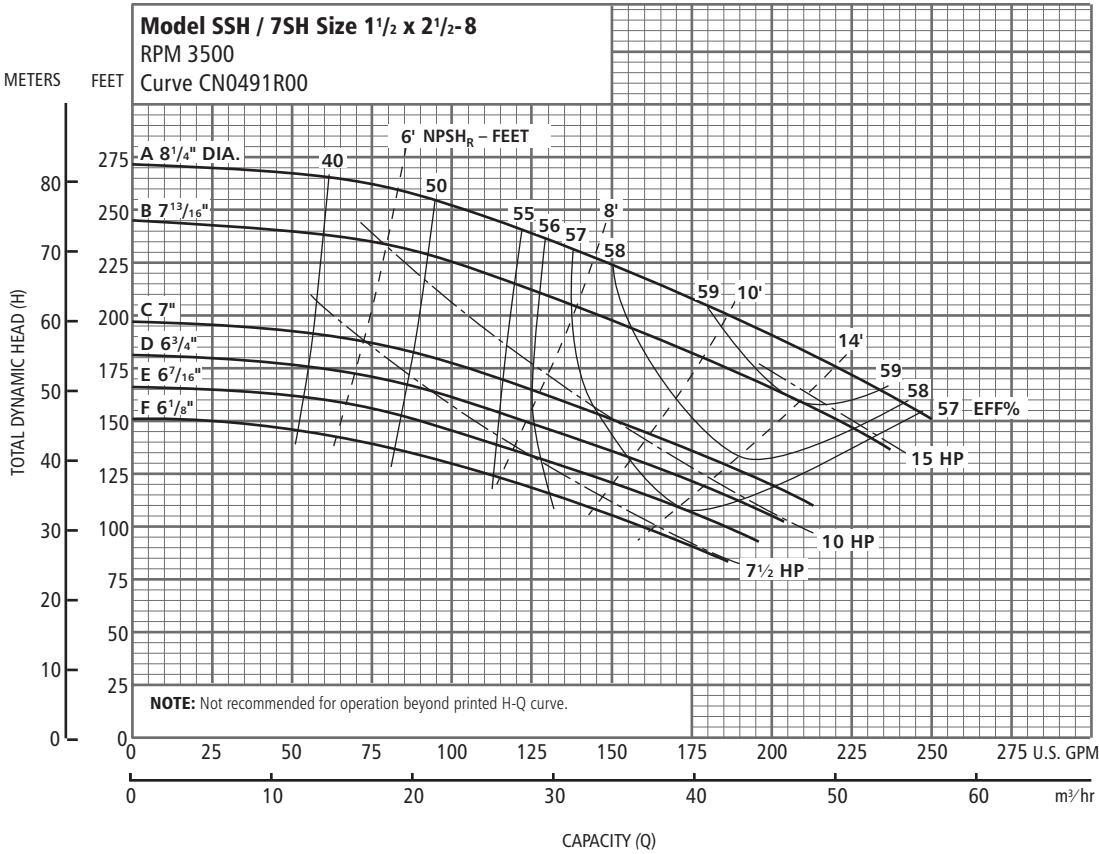
Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	8 ²⁷ / ₆₄ "	10
B	8 ¹ / ₁₆ "	10
C	7 ¹¹ / ₁₆ "	7 ¹ / ₂
D	7 ³ / ₈ "	7 ¹ / ₂
E	7 ¹ / ₈ "	7 ¹ / ₂

NOTE: Pump will pass a sphere to 1/8" diameter.

Performance Curves – 60 Hz, 3500 RPM

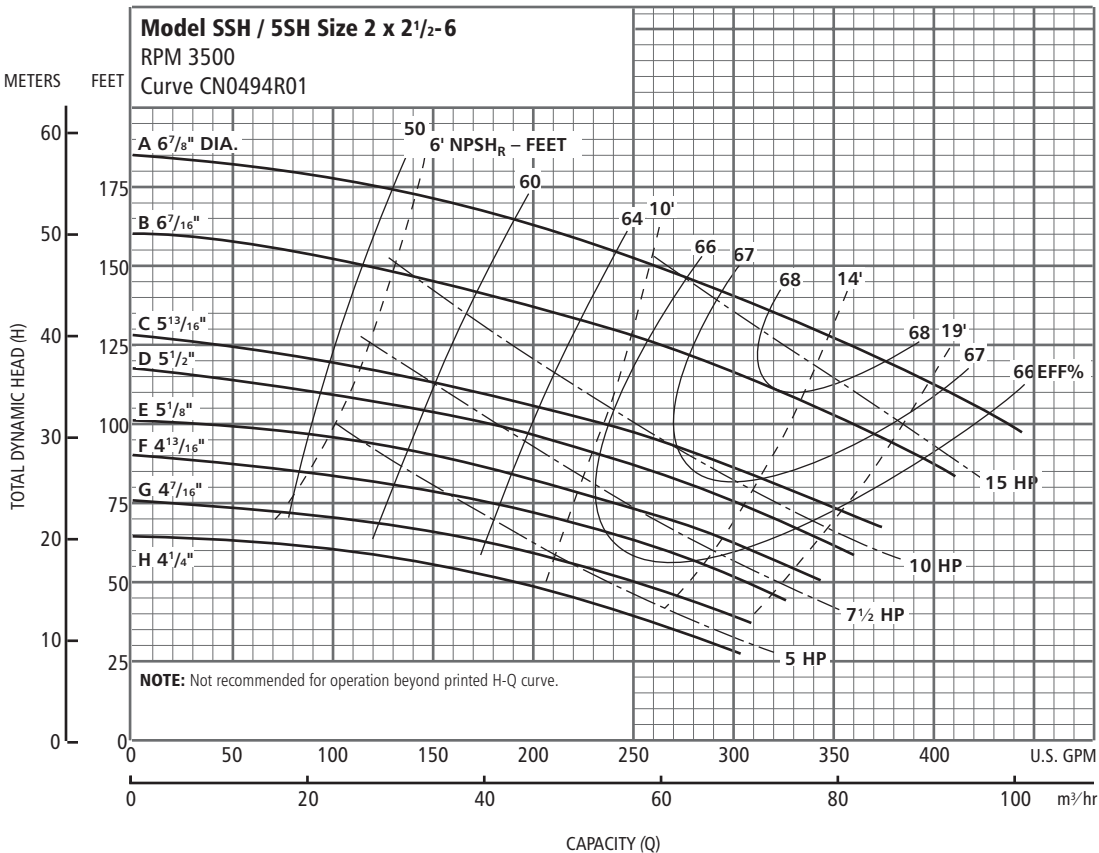


Performance Curves – 60 Hz, 3500 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	8¼"	15
B	7 ¹³ / ₁₆ "	15
C	7"	10
D	6¾"	10
E	6 ⁷ / ₁₆ "	7½
F	6 ¹ / ₈ "	7½

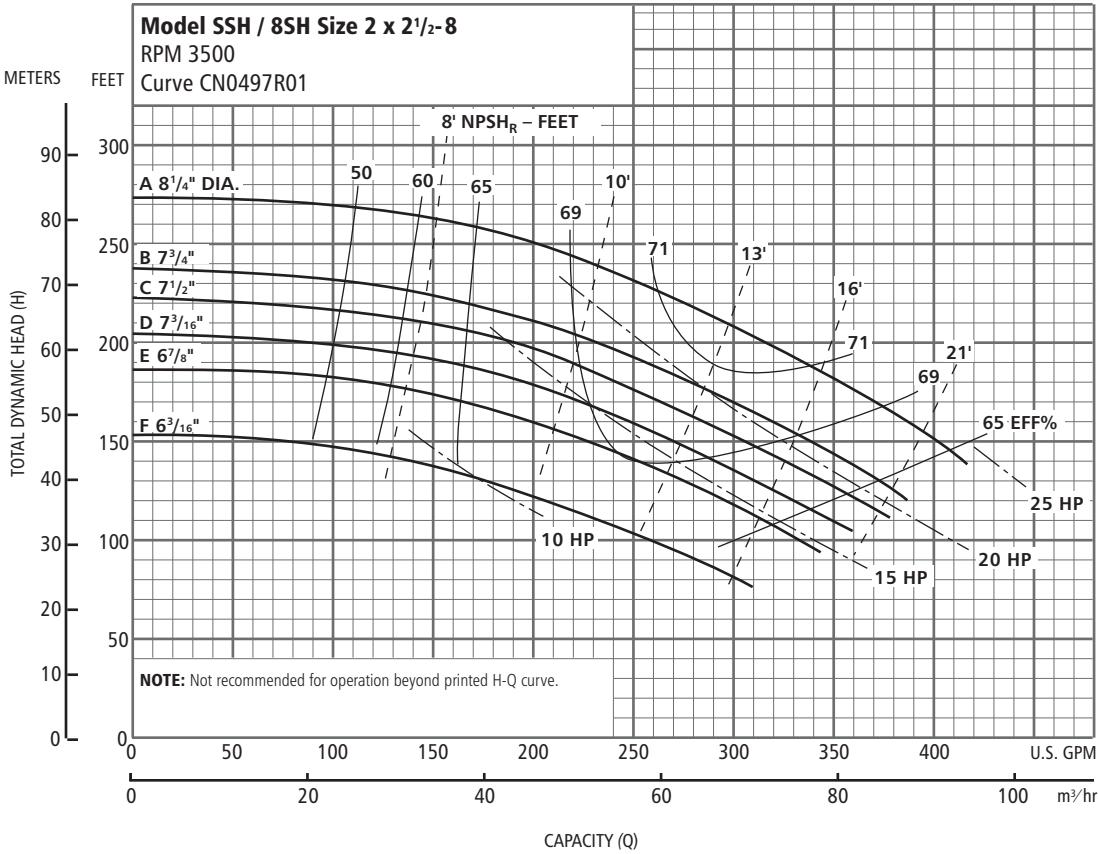
NOTE: Pump will pass a sphere to 3/16" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	6 ⁷ / ₈ "	15
B	6 ⁷ / ₁₆ "	15
C	5 ¹³ / ₁₆ "	10
D	5½"	10
E	5 ¹ / ₈ "	7½
F	4 ¹³ / ₁₆ "	7½
G	4 ⁷ / ₁₆ "	5
H	4¼"	5

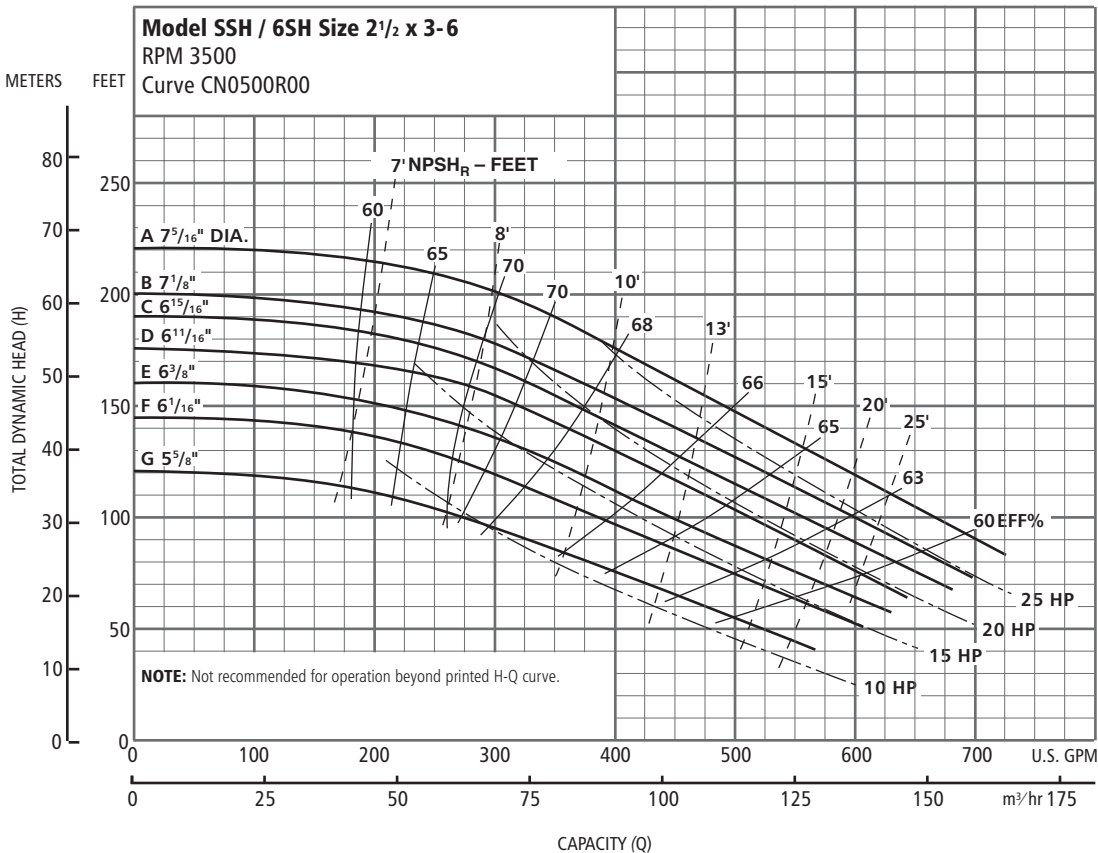
NOTE: Pump will pass a sphere to 5/32" diameter.

Performance Curves – 60 Hz, 3500 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	8 1/4"	25
B	7 3/4"	20
C	7 1/2"	20
D	7 3/16"	15
E	6 7/8"	15
F	6 3/16"	10

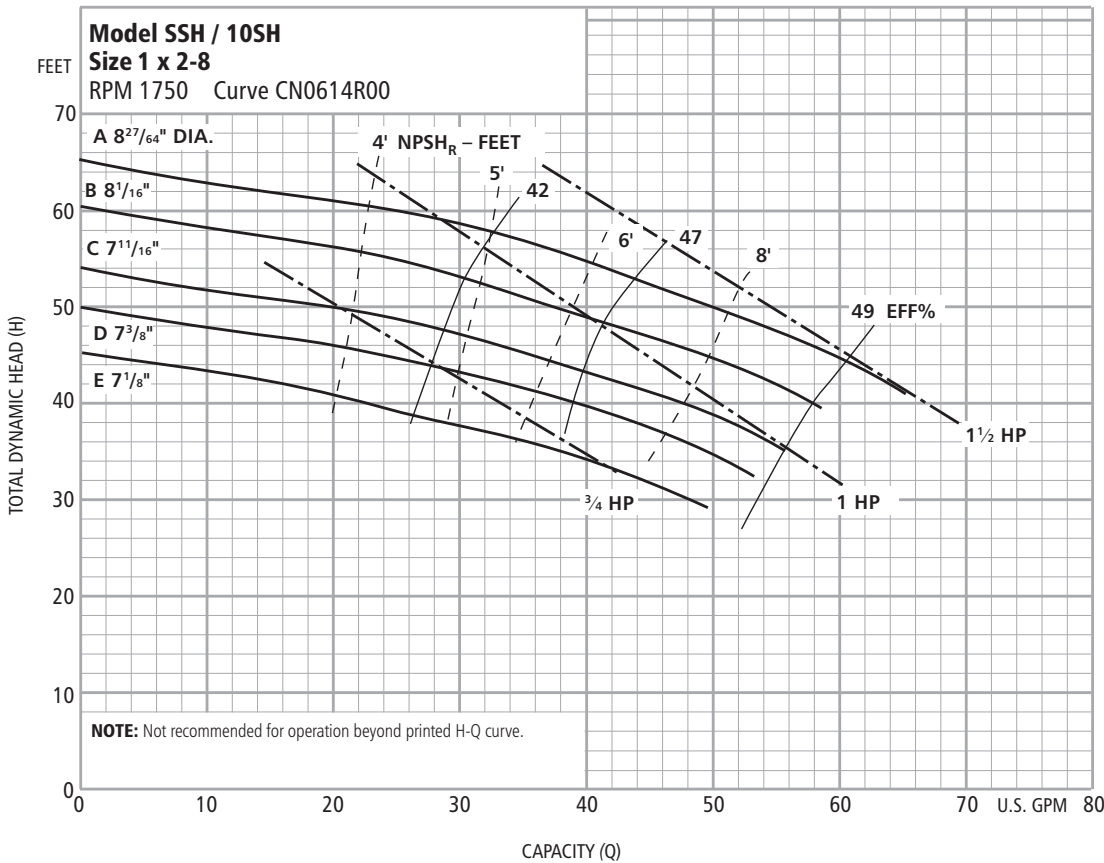
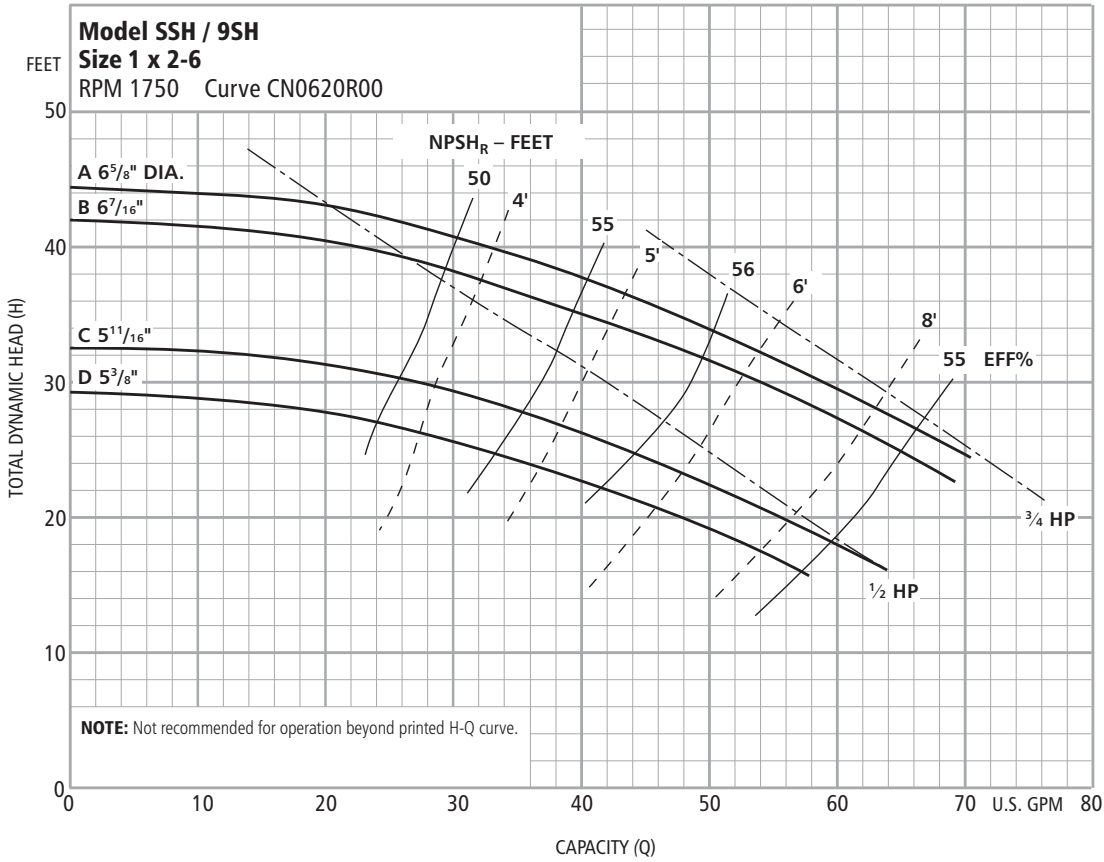
NOTE: Pump will pass a sphere to 1/4" diameter.



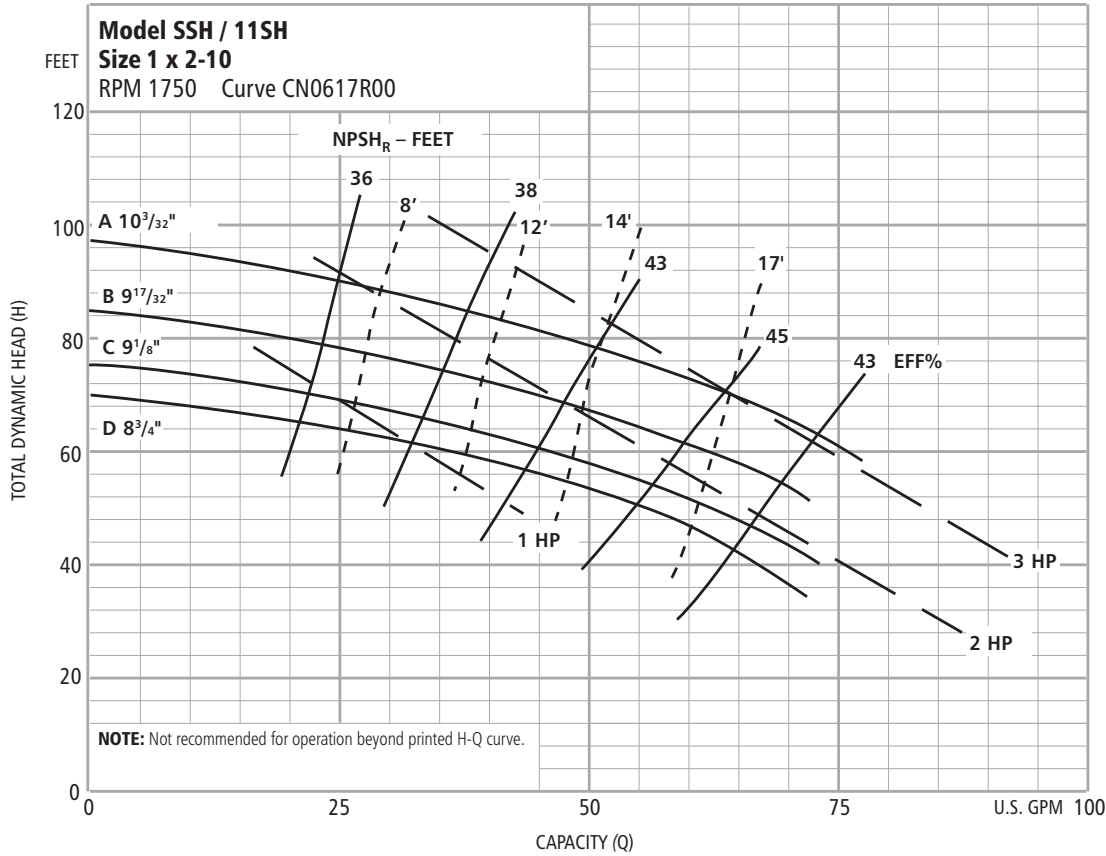
Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	7 5/8"	25
B	7 1/8"	25
C	6 15/16"	20
D	6 1 1/16"	20
E	6 3/8"	15
F	6 1/16"	15
G	5 5/8"	10

NOTE: Pump will pass a sphere to 3/16" diameter.

Performance Curves – 60 Hz, 1750 RPM

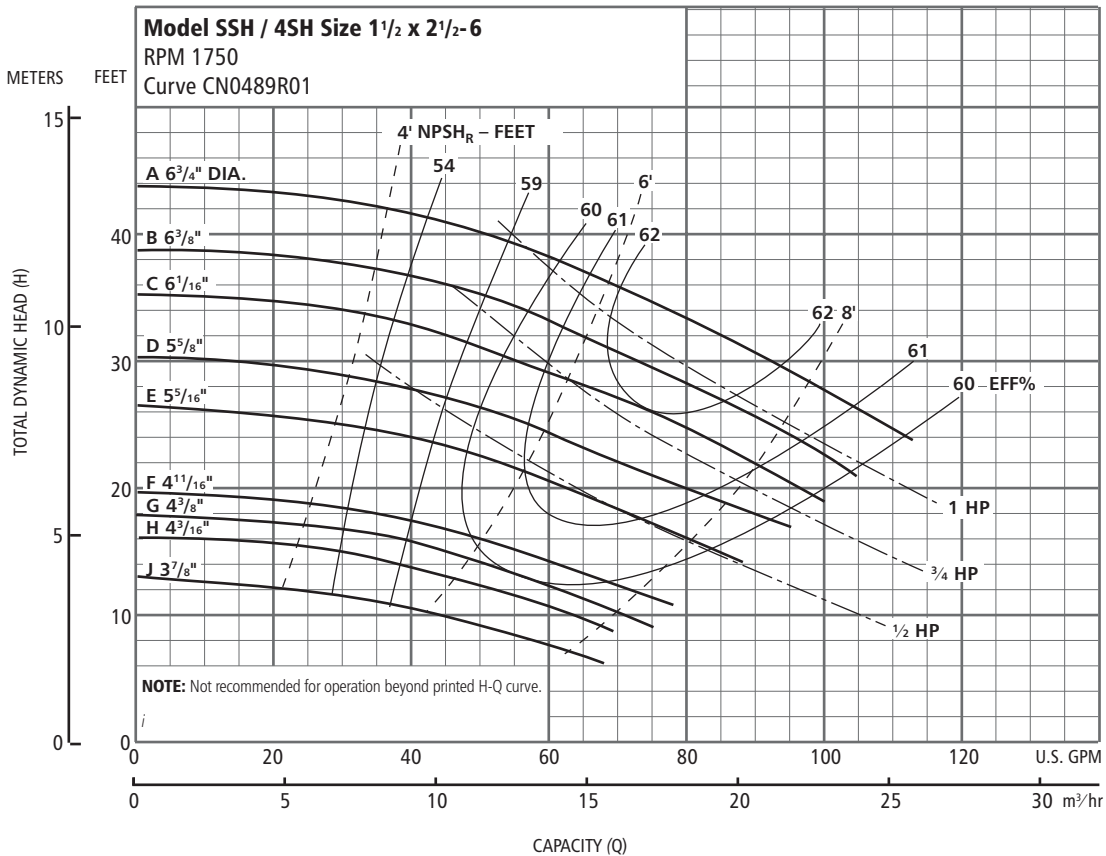


Performance Curves – 60 Hz, 1750 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	10 ³ / ₃₂ "	3
B	9 ¹⁷ / ₃₂ "	3
C	9 ¹ / ₈ "	2
D	8 ³ / ₄ "	2

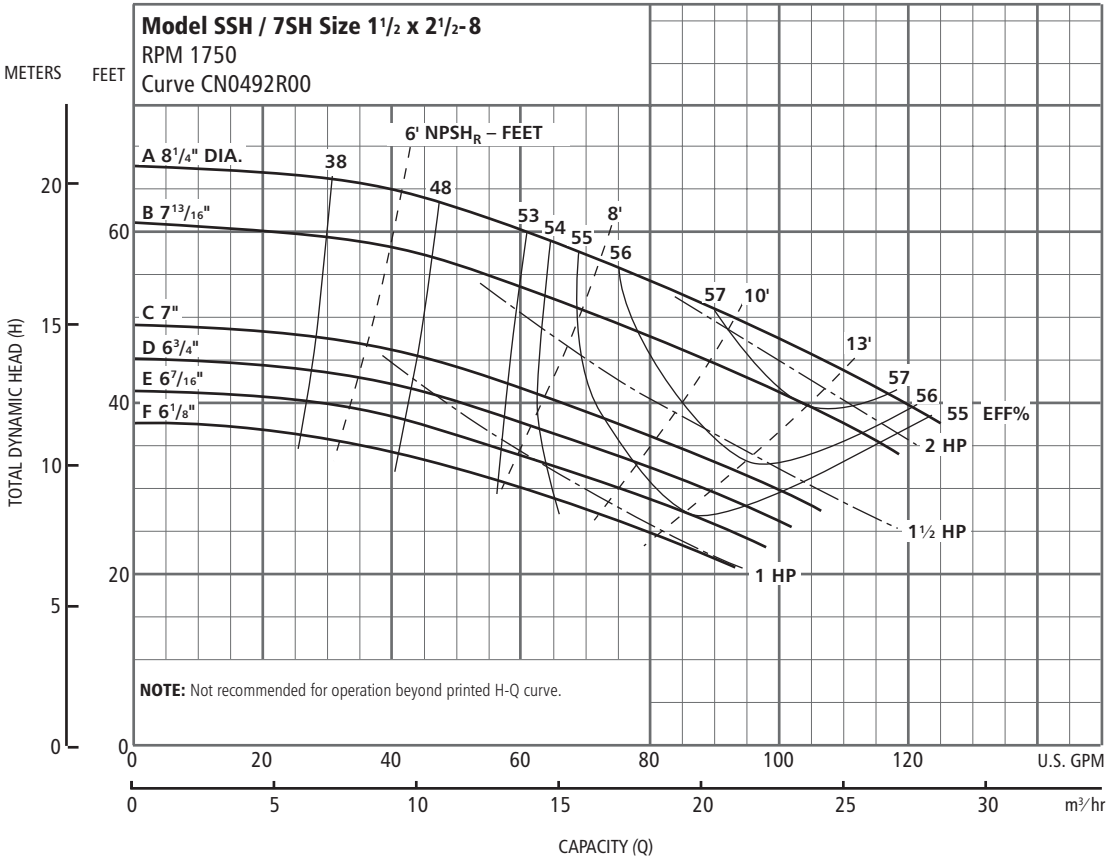
NOTE: Pump will pass a sphere to 1/8" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	6 ³ / ₄ "	1
B	6 ³ / ₈ "	1
C	6 ¹ / ₁₆ "	1
D	5 ⁵ / ₈ "	3/4
E	5 ⁵ / ₁₆ "	3/4
F	4 ¹¹ / ₁₆ "	1/2
G	4 ³ / ₈ "	1/2
H	4 ³ / ₁₆ "	1/2
J	3 ³ / ₈ "	1/2

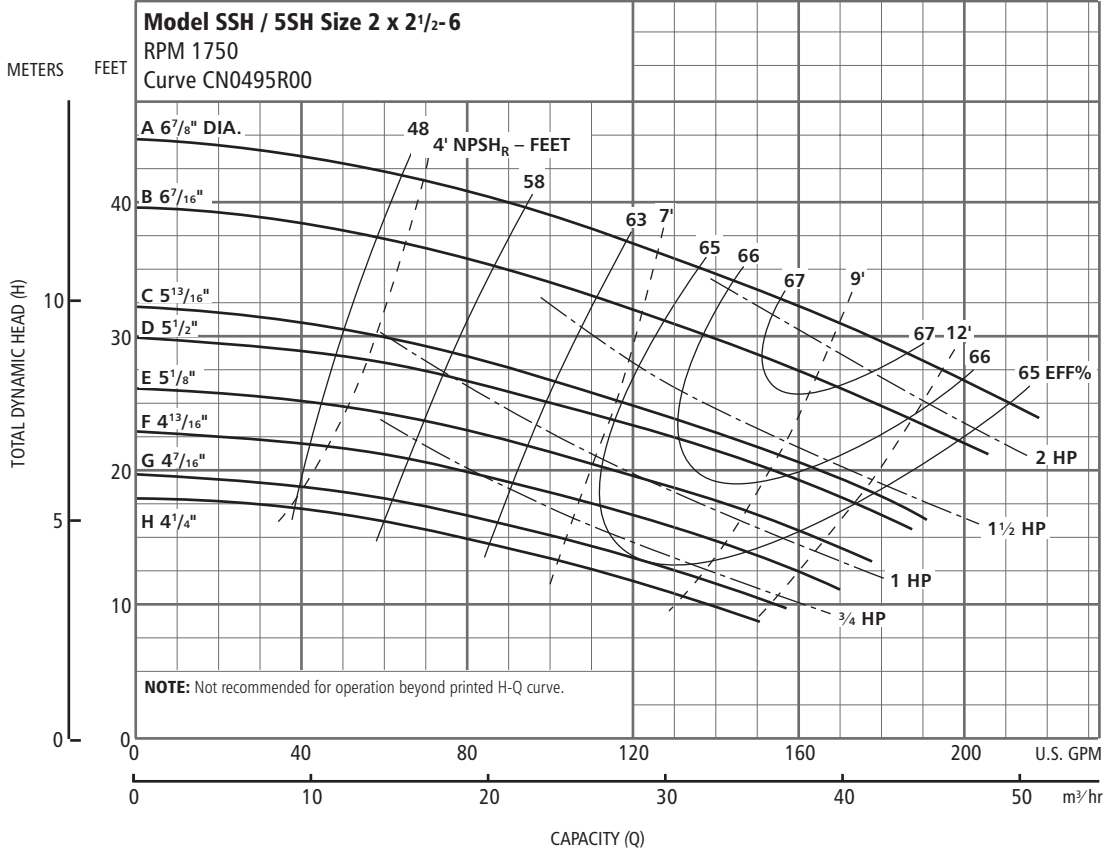
NOTE: Pump will pass a sphere to 3/16" diameter.

Performance Curves – 60 Hz, 1750 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	8¼"	2
B	7 ¹³ / ₁₆ "	2
C	7	1½
D	6¾	1½
E	6 ⁷ / ₁₆ "	1
F	6 ¹ / ₈ "	1

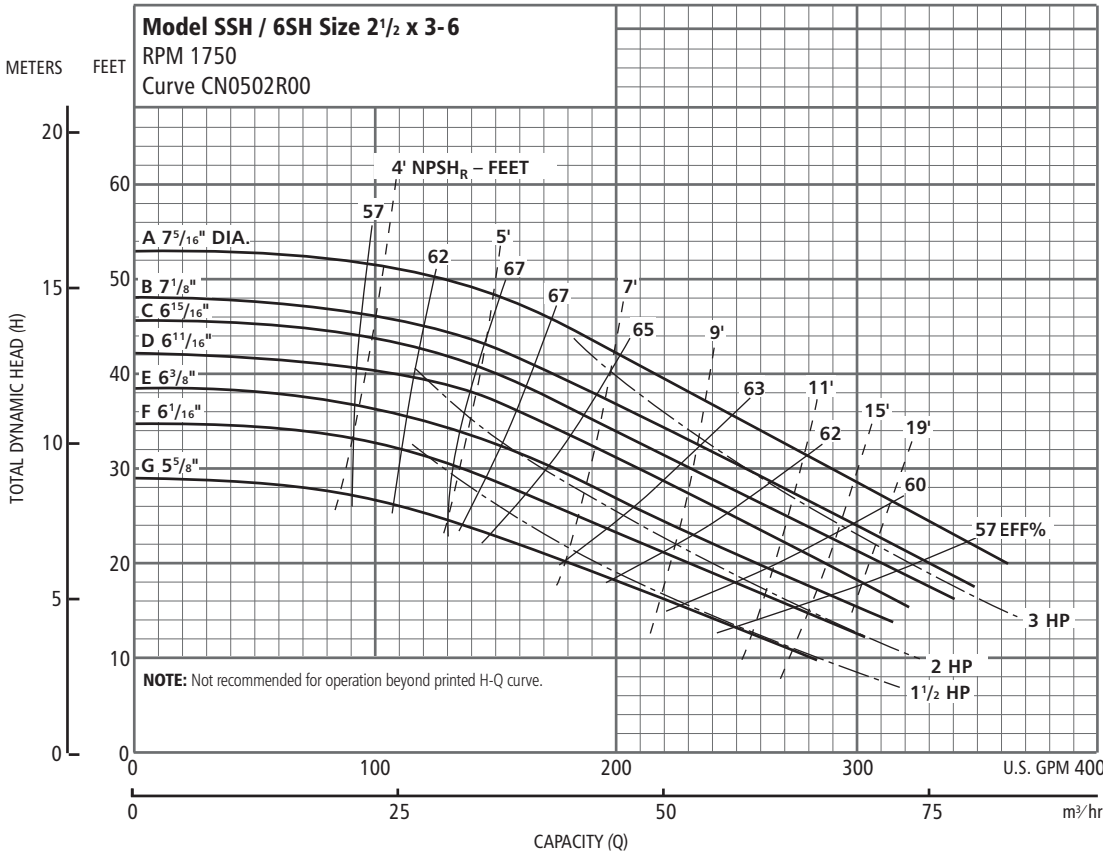
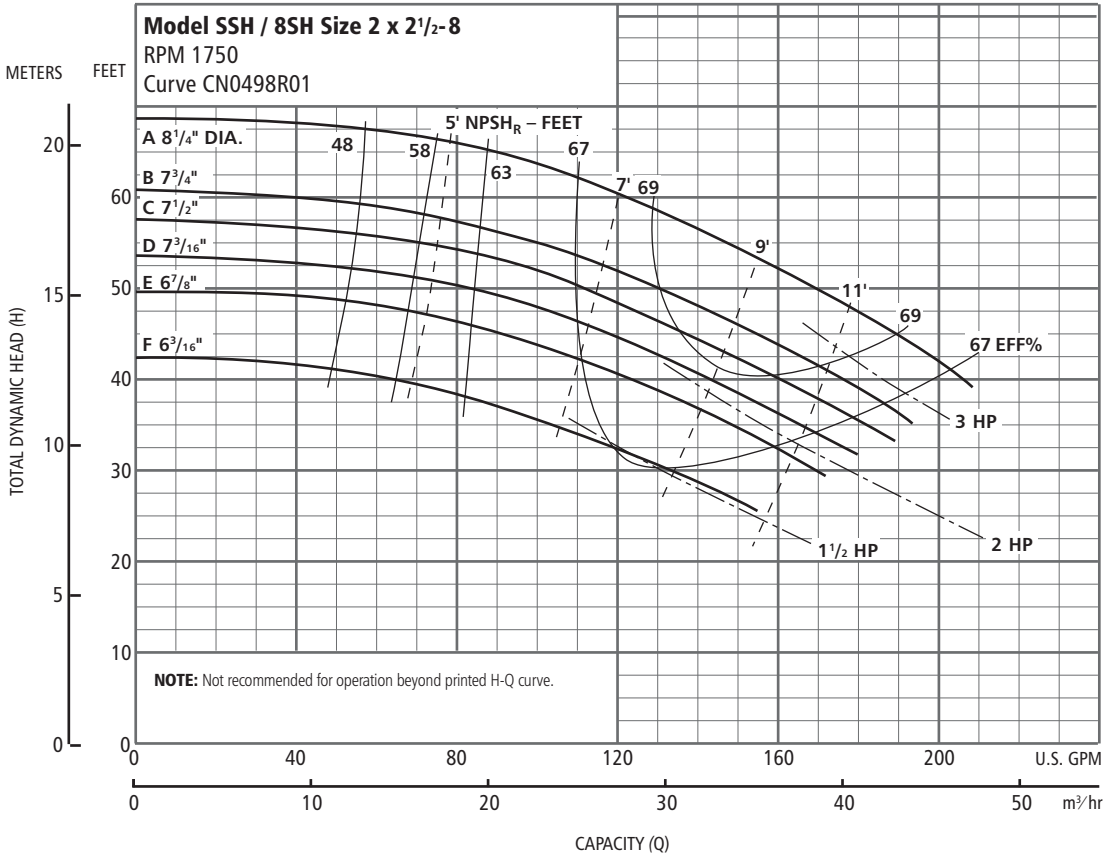
NOTE: Pump will pass a sphere to 3/16" diameter.



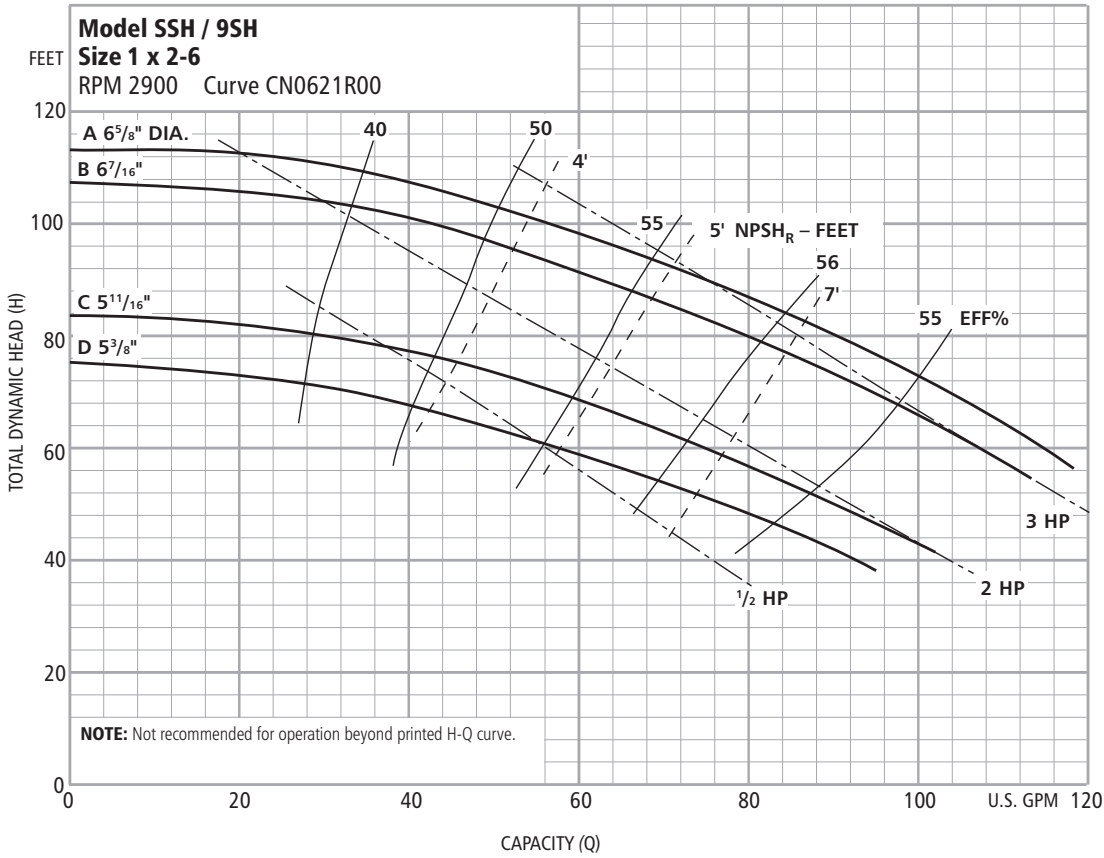
Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	6 ⁷ / ₈ "	2
B	6 ⁷ / ₁₆ "	2
C	5 ¹³ / ₁₆ "	1½
D	5½	1½
E	5 ¹ / ₈ "	1
F	4 ¹³ / ₁₆ "	1
G	4 ⁷ / ₁₆ "	¾
H	4¼	¾

NOTE: Pump will pass a sphere to 5/32" diameter.

Performance Curves – 60 Hz, 1750 RPM

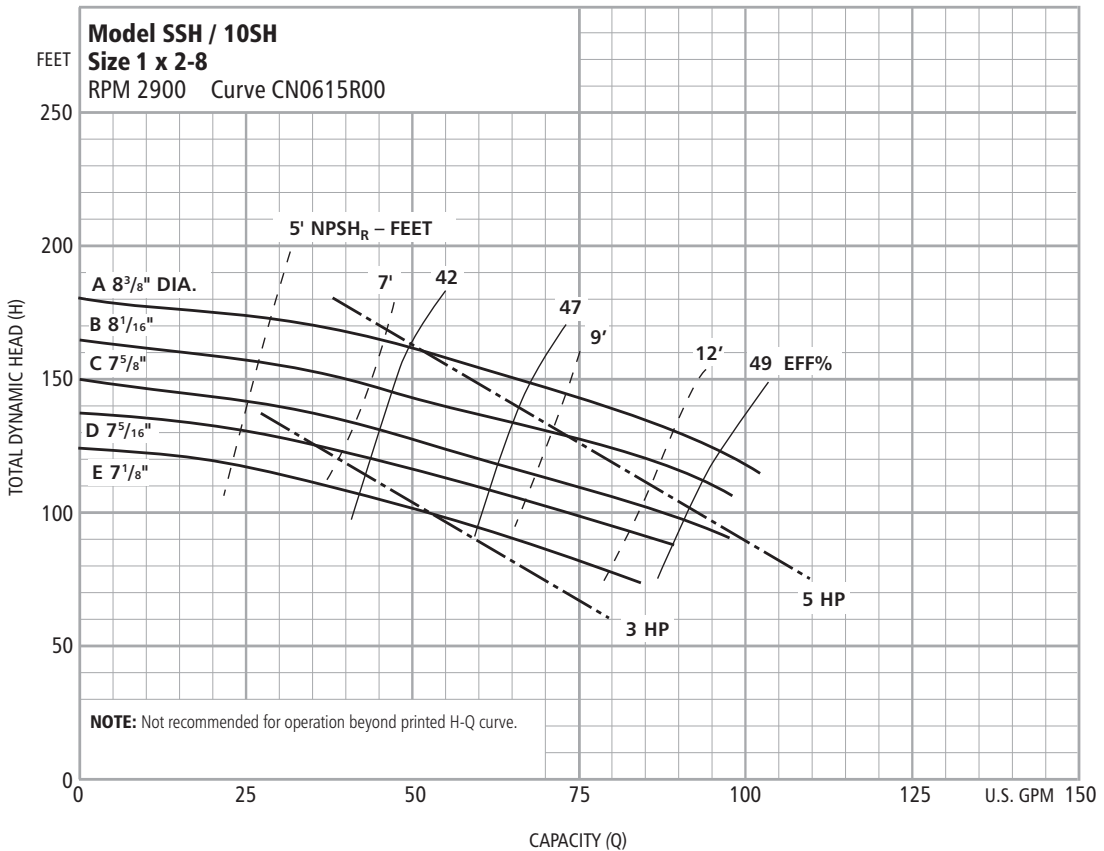


Performance Curves – 50 Hz, 2900 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	6 ⁵ / ₈ "	3
B	6 ⁷ / ₁₆ "	3
C	5 ¹¹ / ₁₆ "	2
D	5 ³ / ₈ "	2

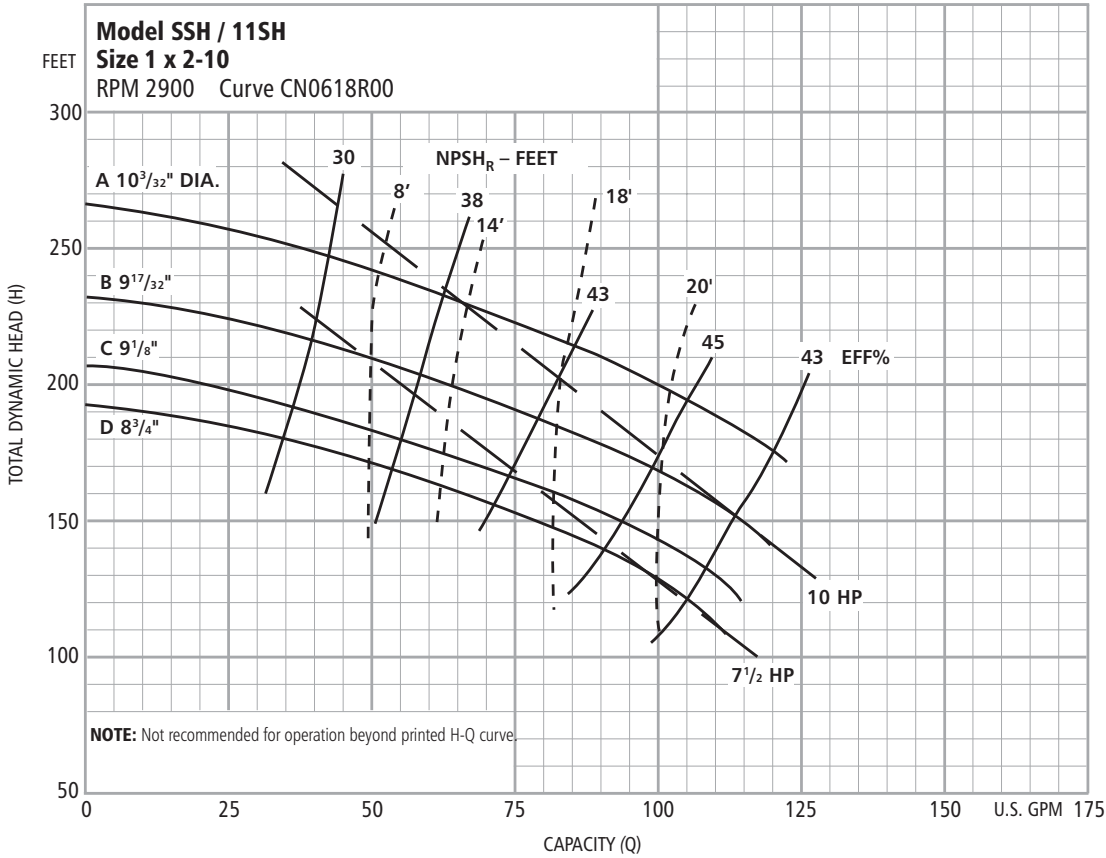
NOTE: Pump will pass a sphere to 1/8" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	8 ³ / ₈ "	5
B	8 ¹ / ₁₆ "	5
C	7 ⁵ / ₈ "	5
D	7 ⁵ / ₁₆ "	5
E	7 ¹ / ₈ "	3

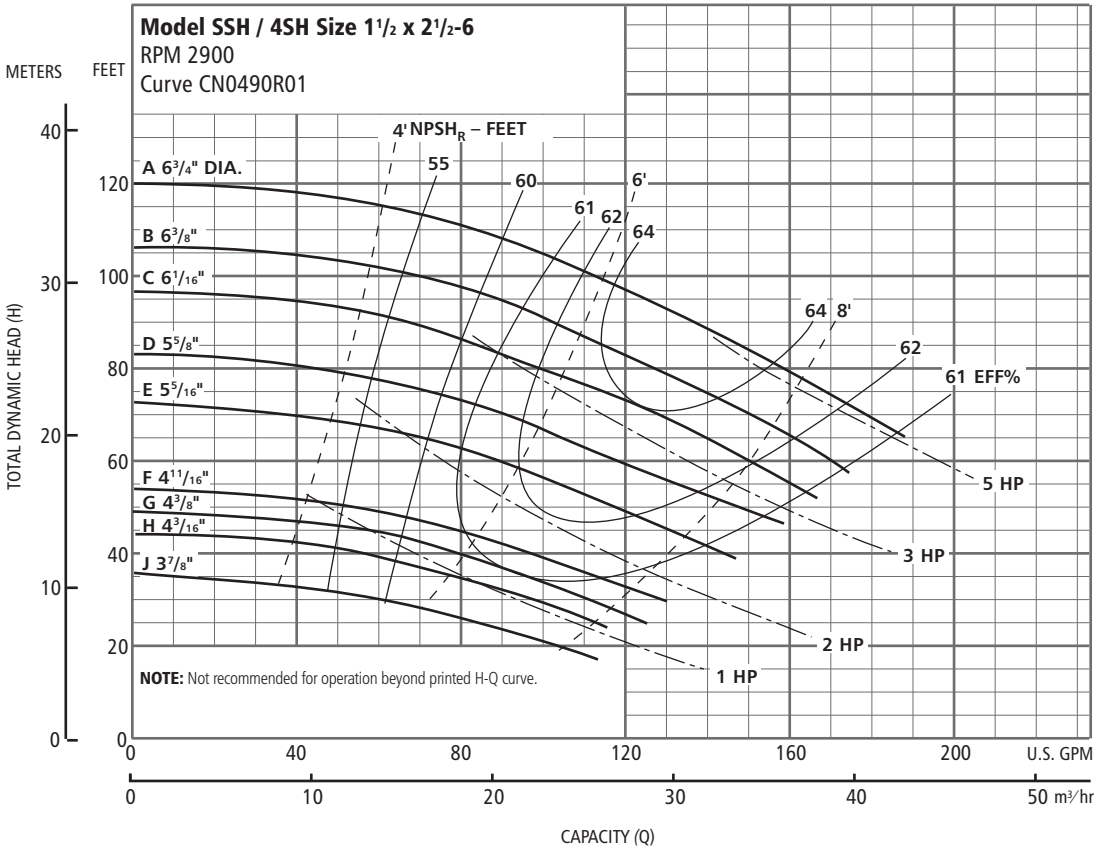
NOTE: Pump will pass a sphere to 1/8" diameter.

Performance Curves – 50 Hz, 2900 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	10 ³ / ₃₂ "	15
B	9 ¹⁷ / ₃₂ "	10
C	9 ¹ / ₈ "	10
D	8 ³ / ₄ "	7 ¹ / ₂

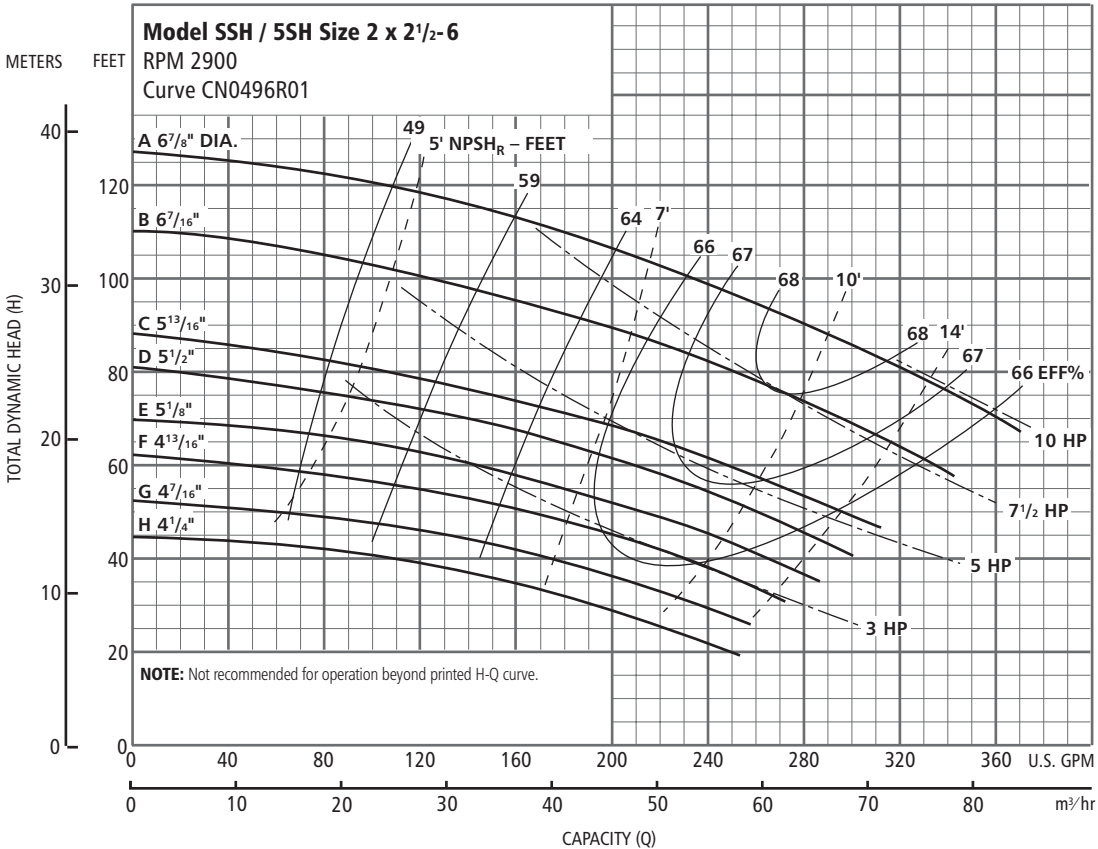
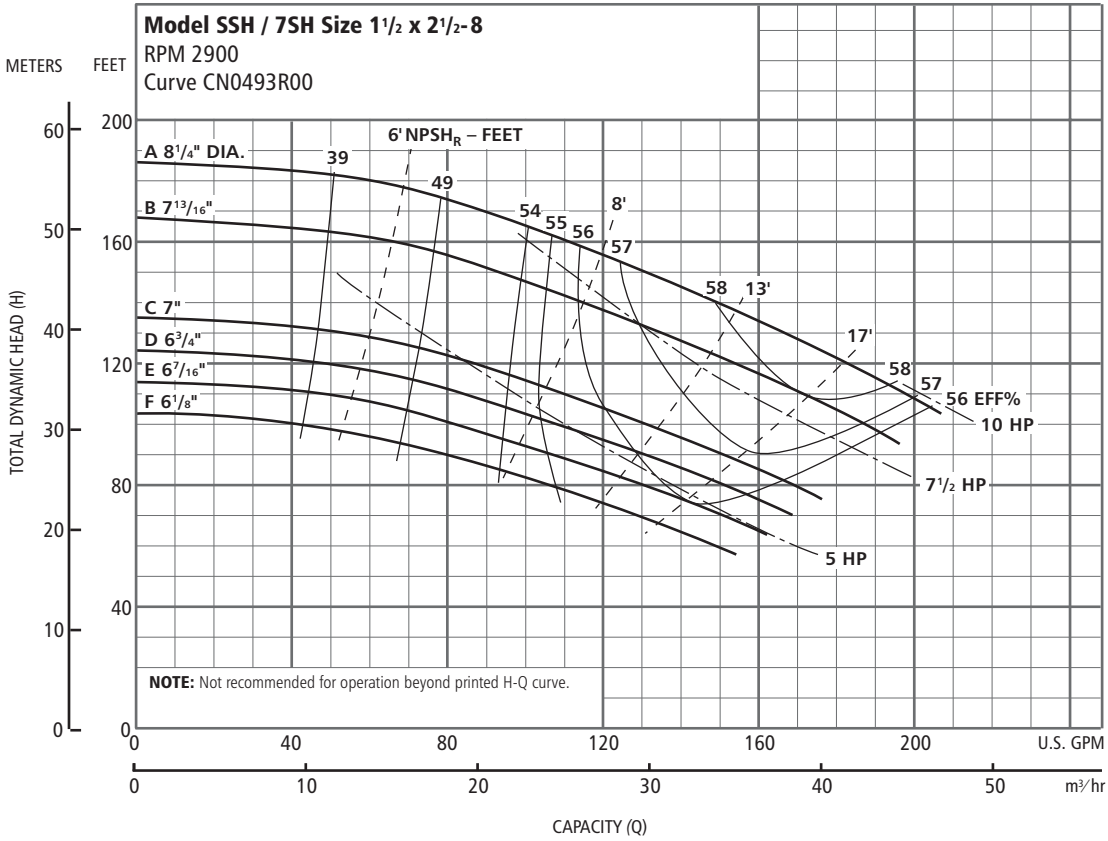
NOTE: Pump will pass a sphere to 1/8" diameter.



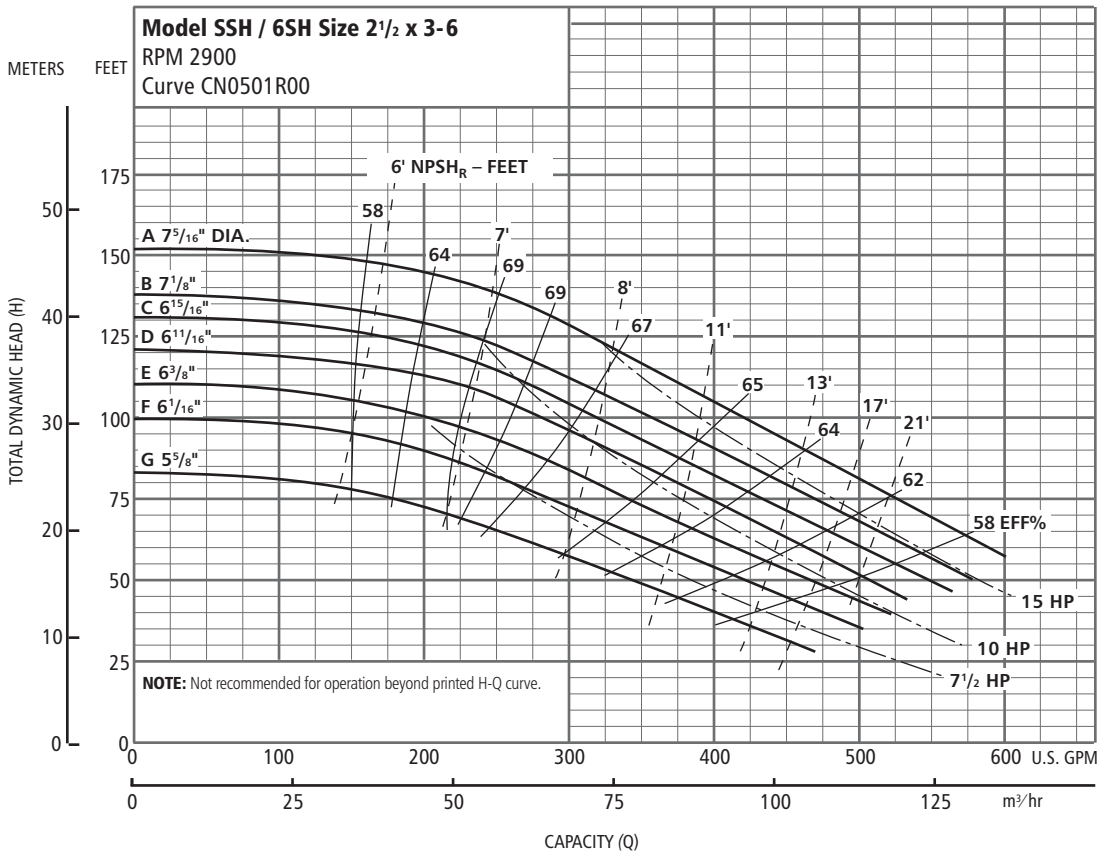
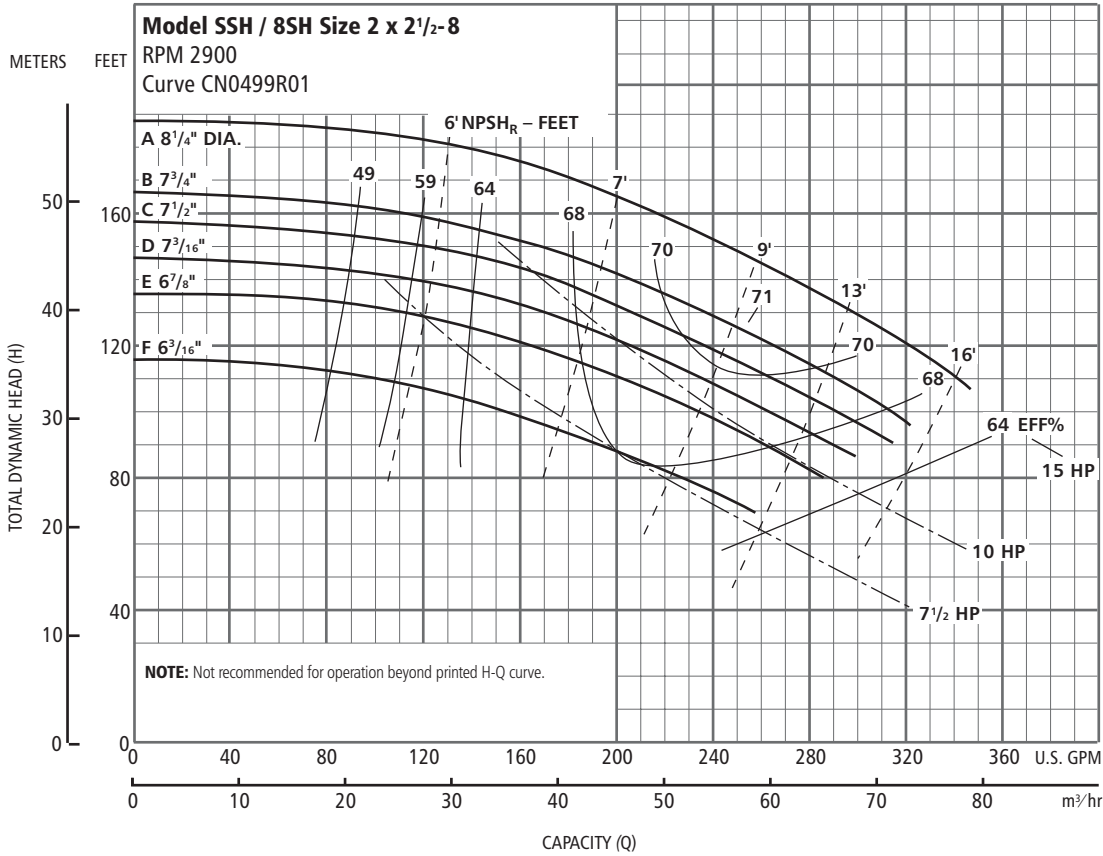
Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	6 ³ / ₄ "	5
B	6 ³ / ₈ "	5
C	6 ¹ / ₁₆ "	5
D	5 ⁵ / ₈ "	3
E	5 ⁵ / ₁₆ "	3
F	4 ¹¹ / ₁₆ "	2
G	4 ³ / ₈ "	2
H	4 ³ / ₁₆ "	1 1/2
J	3 ³ / ₈ "	1

NOTE: Pump will pass a sphere to 3/16" diameter.

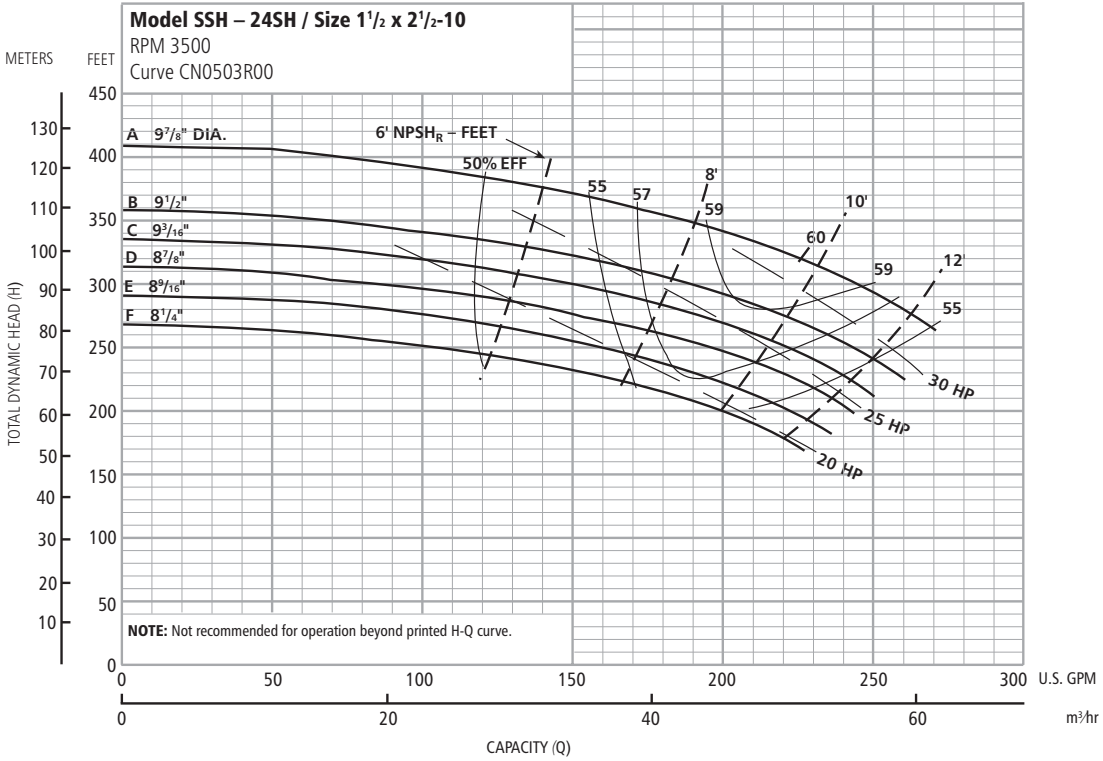
Performance Curves – 50 Hz, 2900 RPM



Performance Curves – 50 Hz, 2900 RPM

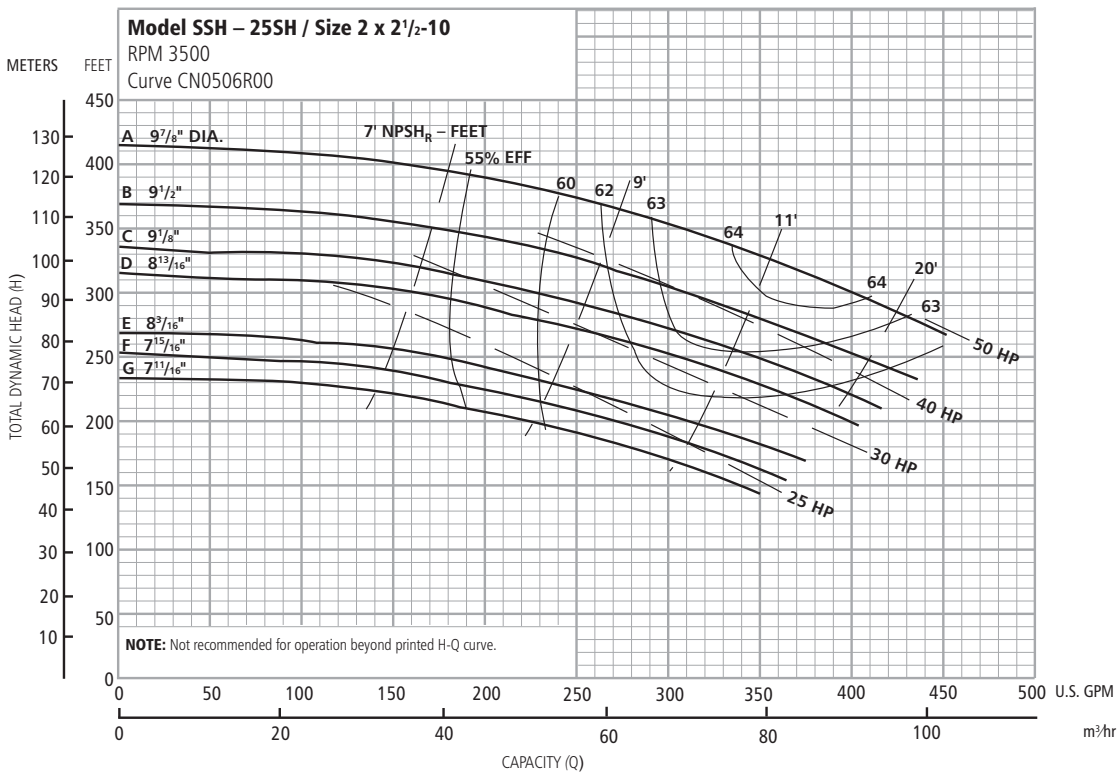


Performance Curves – 60 Hz, 3500 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 7/8"	30
B	9 1/2"	30
C	9 3/16"	25
D	8 7/8"	25
E	8 9/16"	20
F	8 1/4"	20

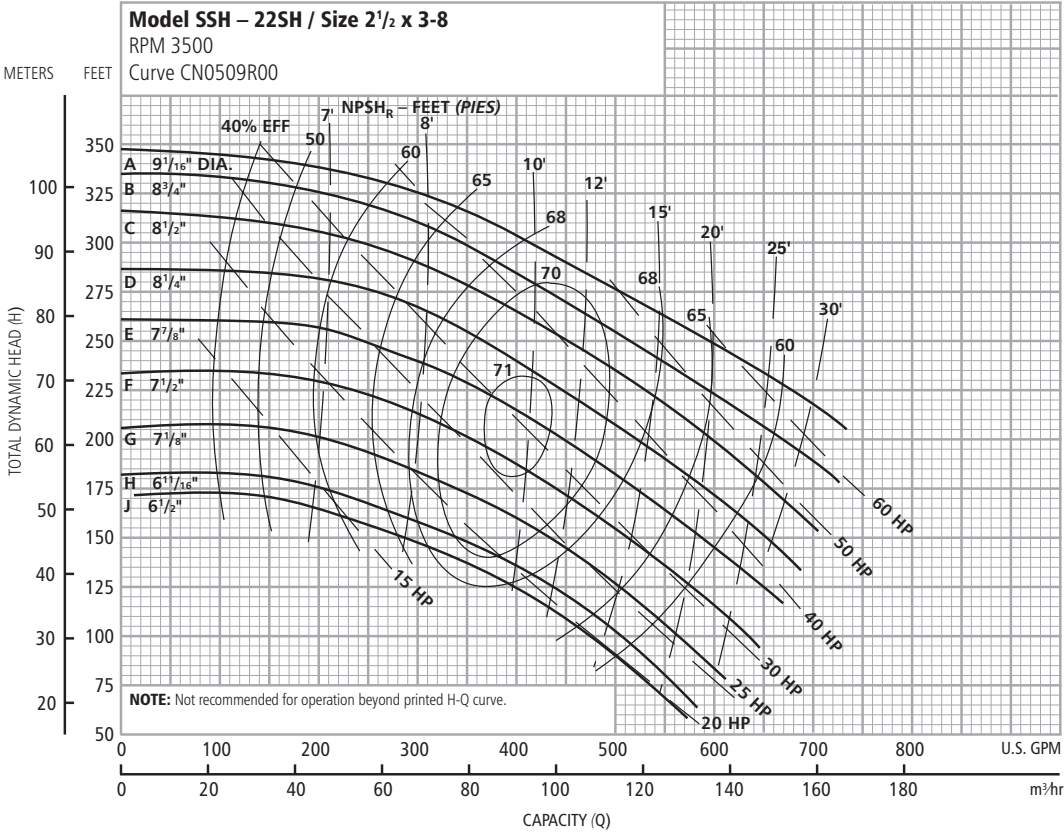
NOTE: Pump will pass a sphere to 5/16" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 7/8"	50
B	9 1/2"	40
C	9 1/8"	40
D	8 13/16"	30
E	8 3/16"	30
F	7 15/16"	25
G	7 11/16"	25

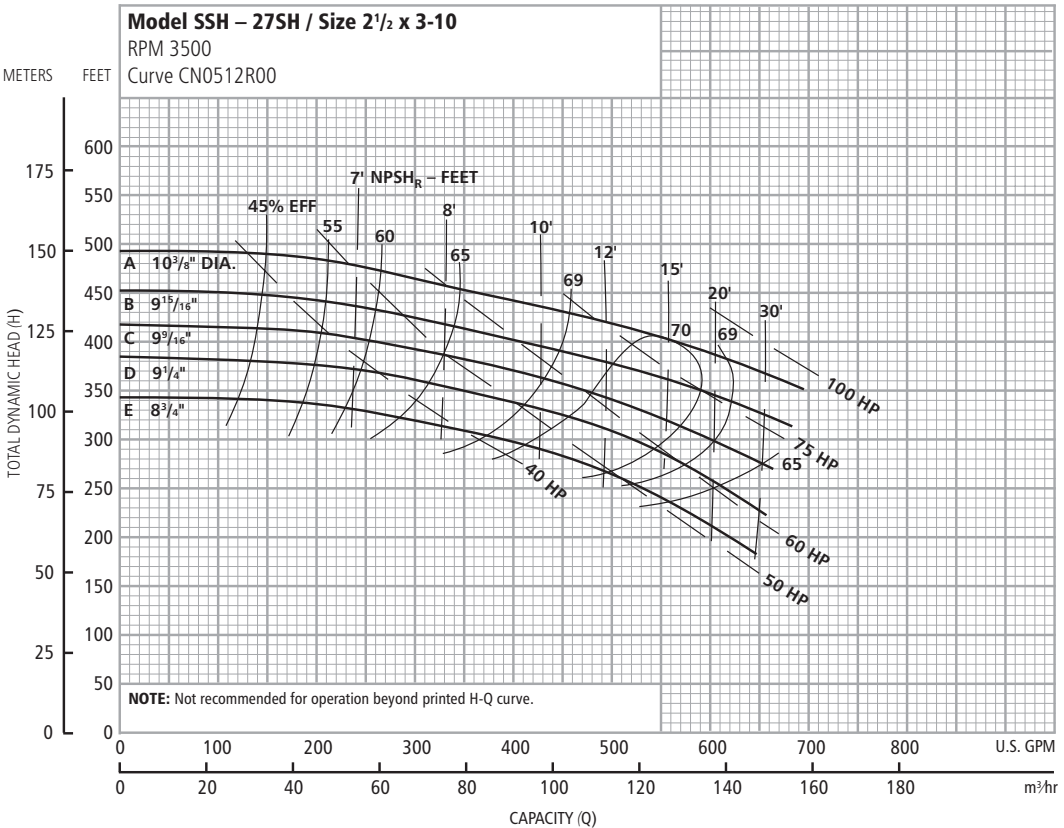
NOTE: Pump will pass a sphere to 1/2" diameter.

Performance Curves – 60 Hz, 3500 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 1/16"	60
B	8 3/4"	50
C	8 1/2"	50
D	8 1/4"	40
E	7 7/8"	40
F	7 1/2"	30
G	7 1/8"	25
H	6 11/16"	20
J	6 1/2"	20

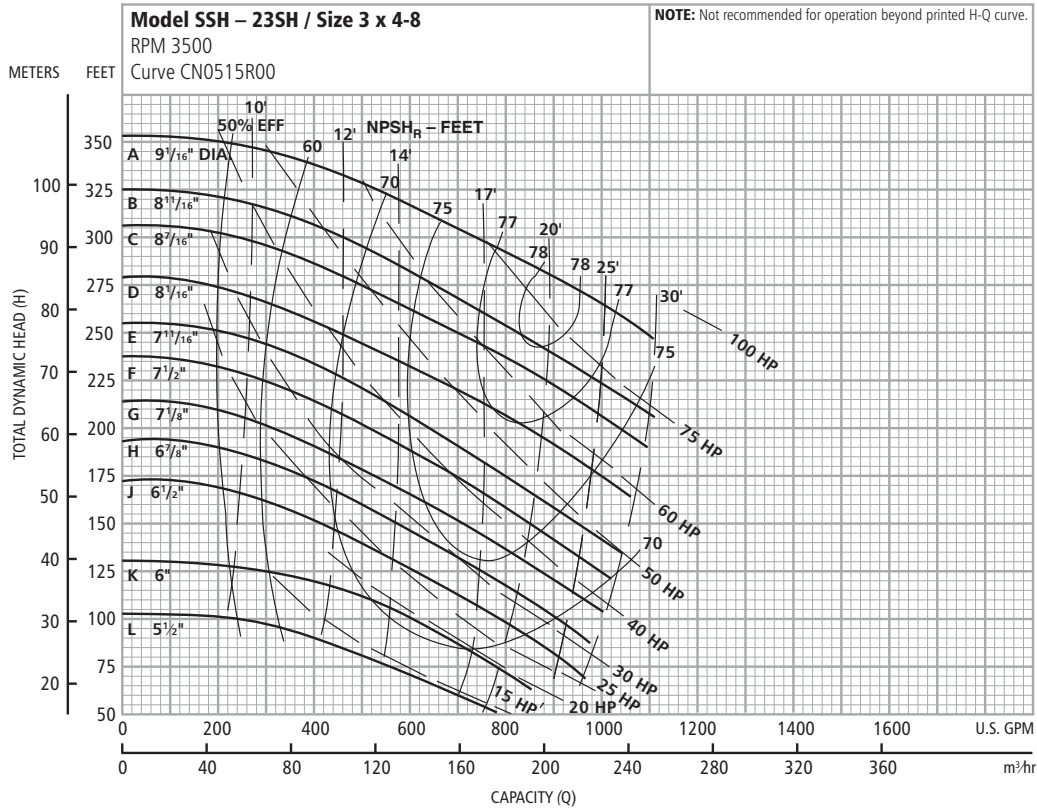
NOTE: Pump will pass a sphere to 1 9/32" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	10 3/8"	100
B	9 15/16"	75
C	9 3/16"	75
D	9 1/4"	60
E	8 3/4"	50

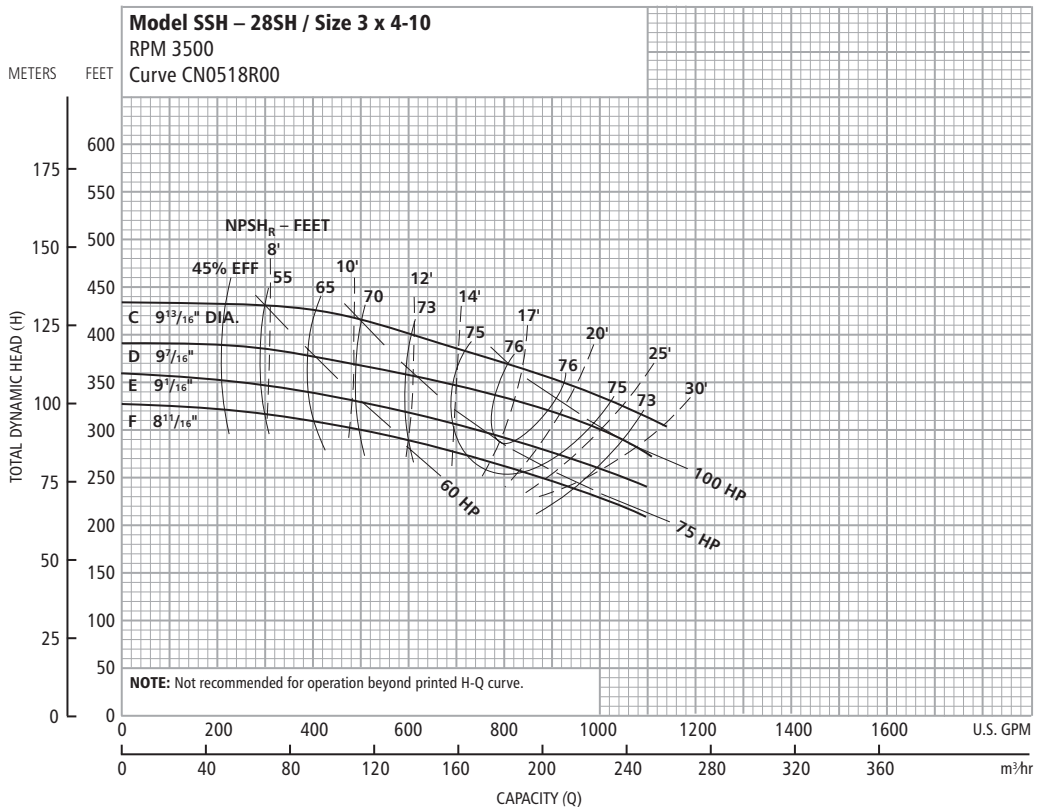
NOTE: Pump will pass a sphere to 1 9/32" diameter.

Performance Curves – 60 Hz, 3500 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 1/16"	75
B	8 1/16"	75
C	8 7/16"	60
D	8 1/16"	50
E	7 11/16"	50
F	7 1/2"	40
G	7 7/8"	40
H	6 7/8"	30
J	6 1/2"	25
K	6"	20
L	5 1/2"	15

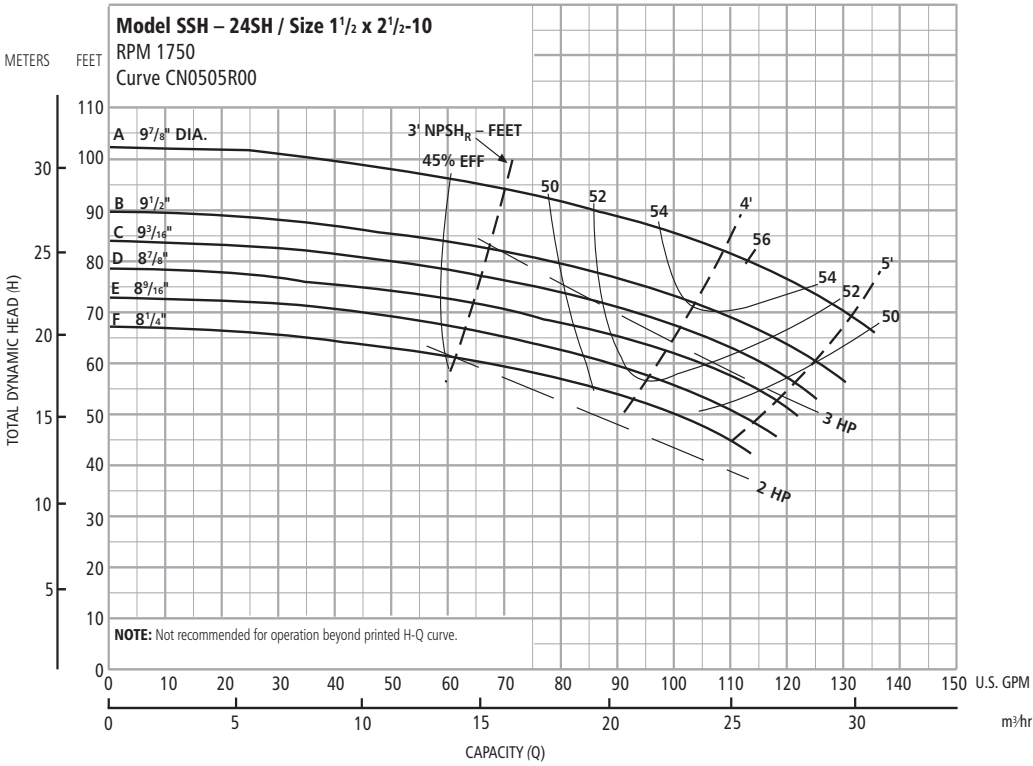
NOTE: Pump will pass a sphere to 3/4" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
C	9 3/16"	100
D	9 1/16"	100
E	9 1/16"	75
F	8 1/16"	75

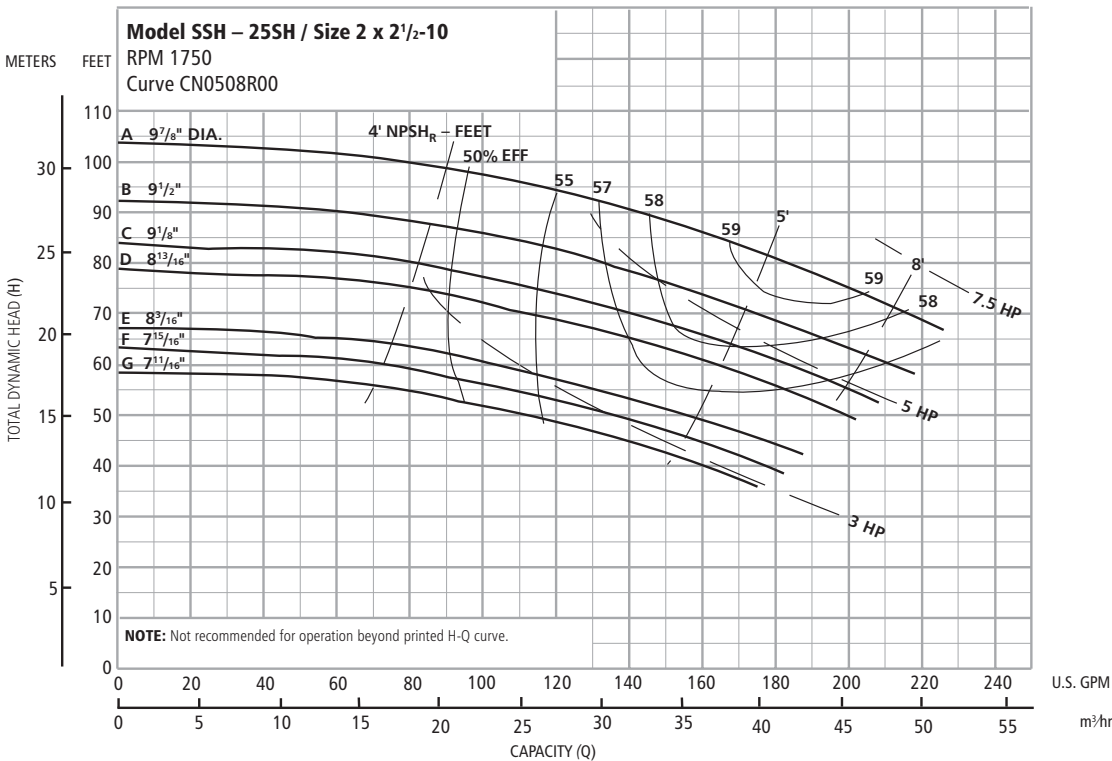
NOTE: Pump will pass a sphere to 3/4" diameter.

Performance Curves – 60 Hz, 1750 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 7/8"	5
B	9 1/2"	5
C	9 3/16"	3
D	8 7/8"	3
E	8 9/16"	3
F	8 1/4"	2

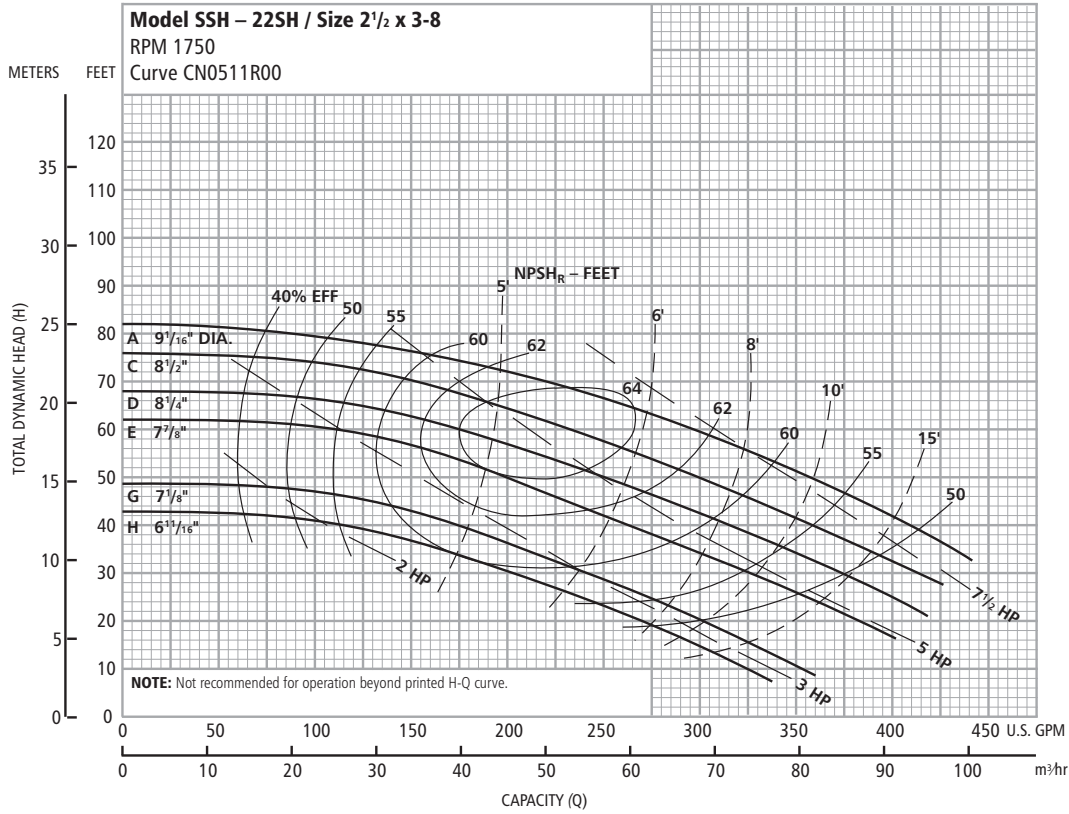
NOTE: Pump will pass a sphere to 5/16" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 7/8"	7 1/2
B	9 1/2"	5
C	9 1/8"	5
D	8 13/16"	5
E	8 3/16"	3
F	7 15/16"	3
G	7 11/16"	3

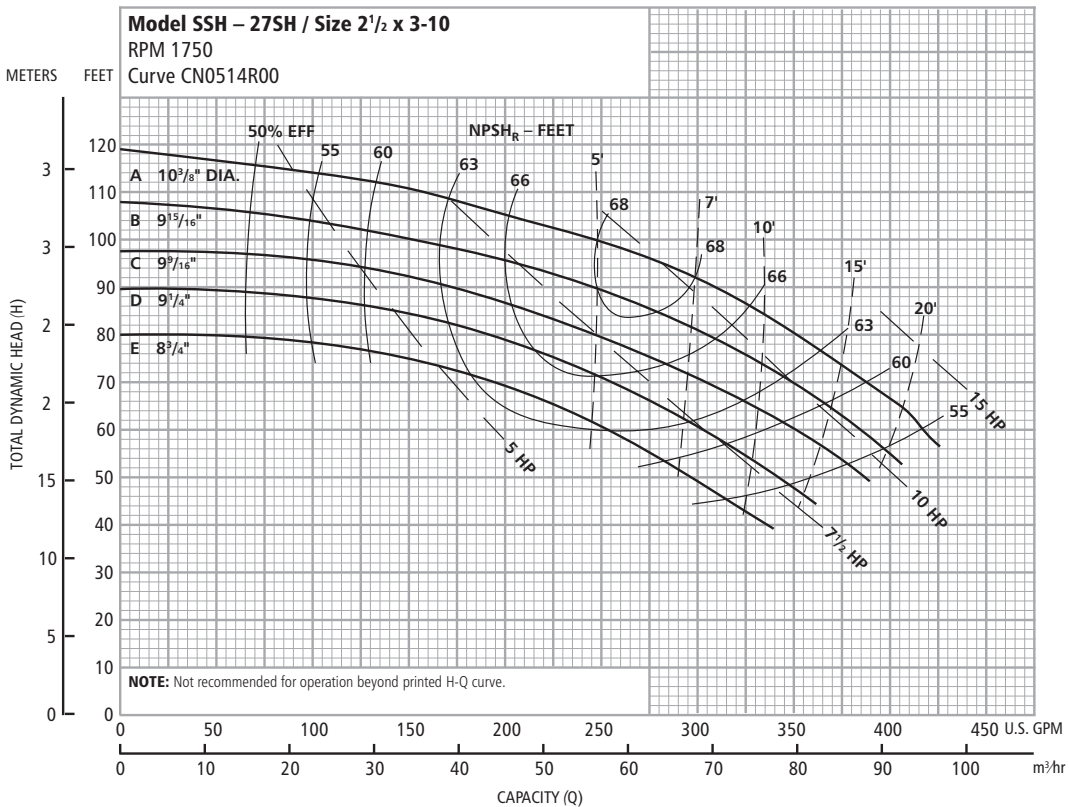
NOTE: Pump will pass a sphere to 1/2" diameter.

Performance Curves – 60 Hz, 1725 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 ¹ / ₁₆ "	7½
C	8½"	7½
D	8¼"	5
E	7 ⁷ / ₈ "	5
G	7 ⁷ / ₈ "	3
H	6 ¹ / ₁₆ "	3

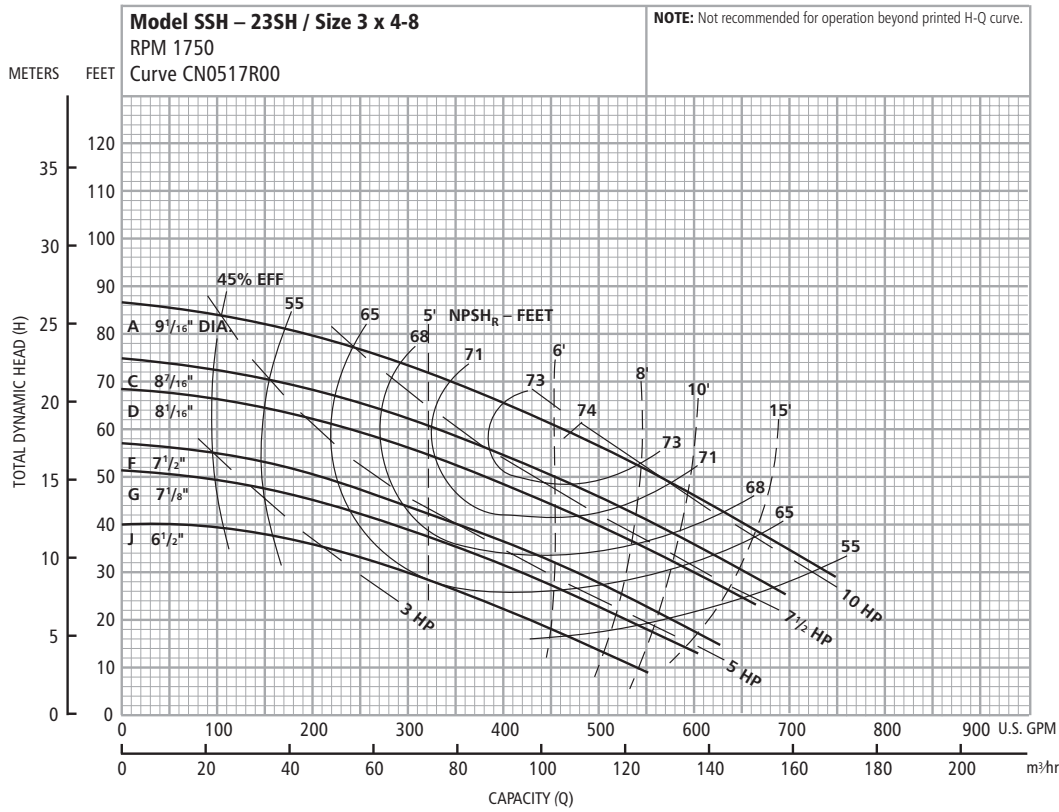
NOTE: Pump will pass a sphere to ¹⁹/₃₂" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	10 ³ / ₈ "	15
B	9 ¹⁵ / ₁₆ "	10
C	9 ⁹ / ₁₆ "	10
D	9¼"	7½
E	8¾"	7½

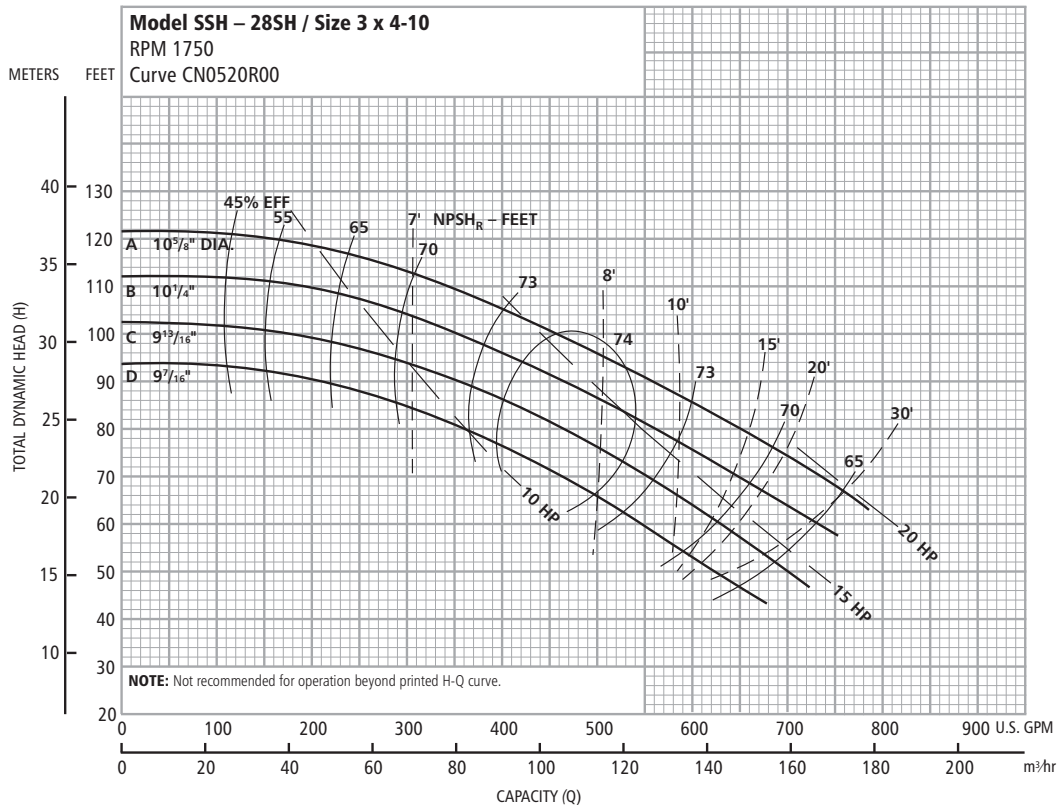
NOTE: Pump will pass a sphere to ¹⁹/₃₂" diameter.

Performance Curves – 60 Hz, 1725 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 ¹ / ₁₆ "	10
C	8 ⁷ / ₁₆ "	7 ¹ / ₂
D	8 ¹ / ₁₆ "	7 ¹ / ₂
F	7 ¹ / ₂ "	5
G	7 ¹ / ₈ "	5
J	6 ¹ / ₂ "	3

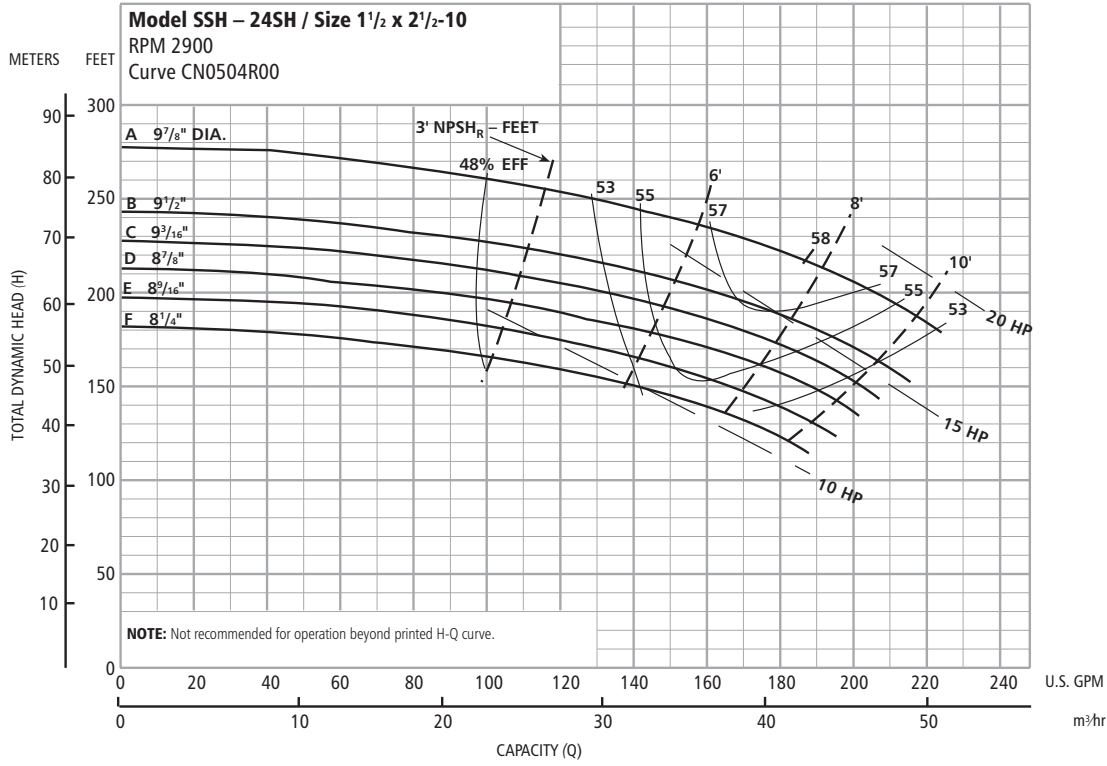
NOTE: Pump will pass a sphere to 1/2" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	10 ⁵ / ₈ "	20
B	10 ¹ / ₄ "	15
C	9 ¹³ / ₁₆ "	15
D	9 ⁷ / ₁₆ "	15

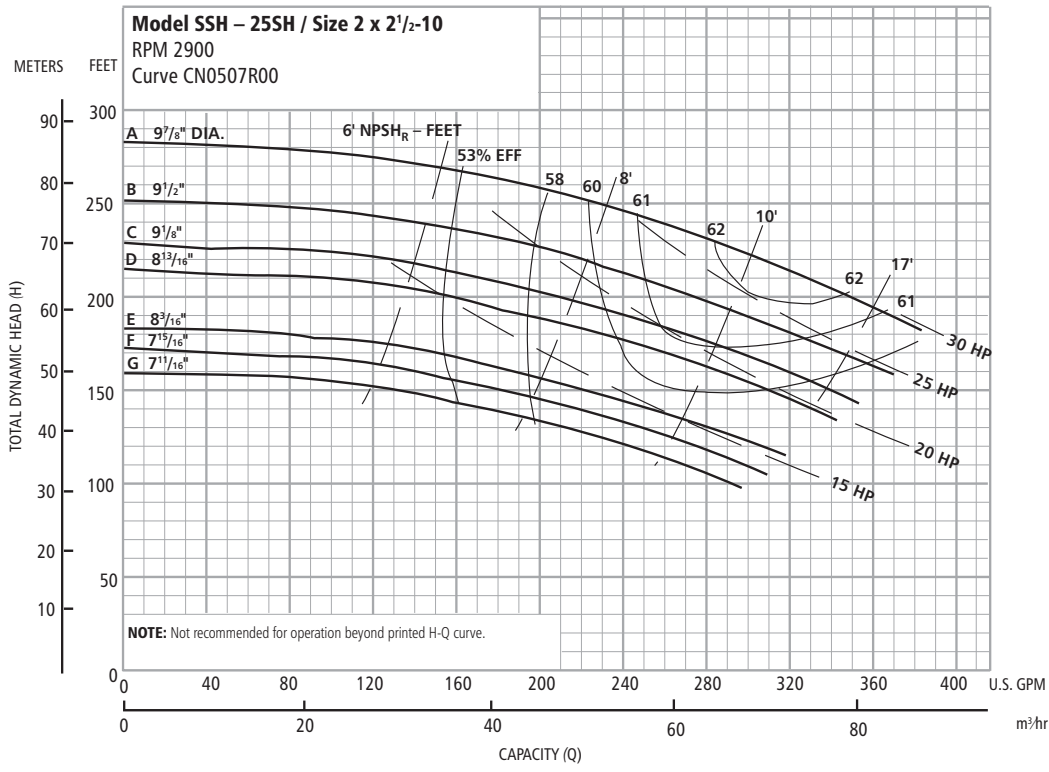
NOTE: Pump will pass a sphere to 3/4" diameter.

Performance Curves – 50 Hz, 2900 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 7/8"	20
B	9 1/2"	15
C	9 3/16"	15
D	8 7/8"	15
E	8 3/16"	10
F	8 1/4"	10

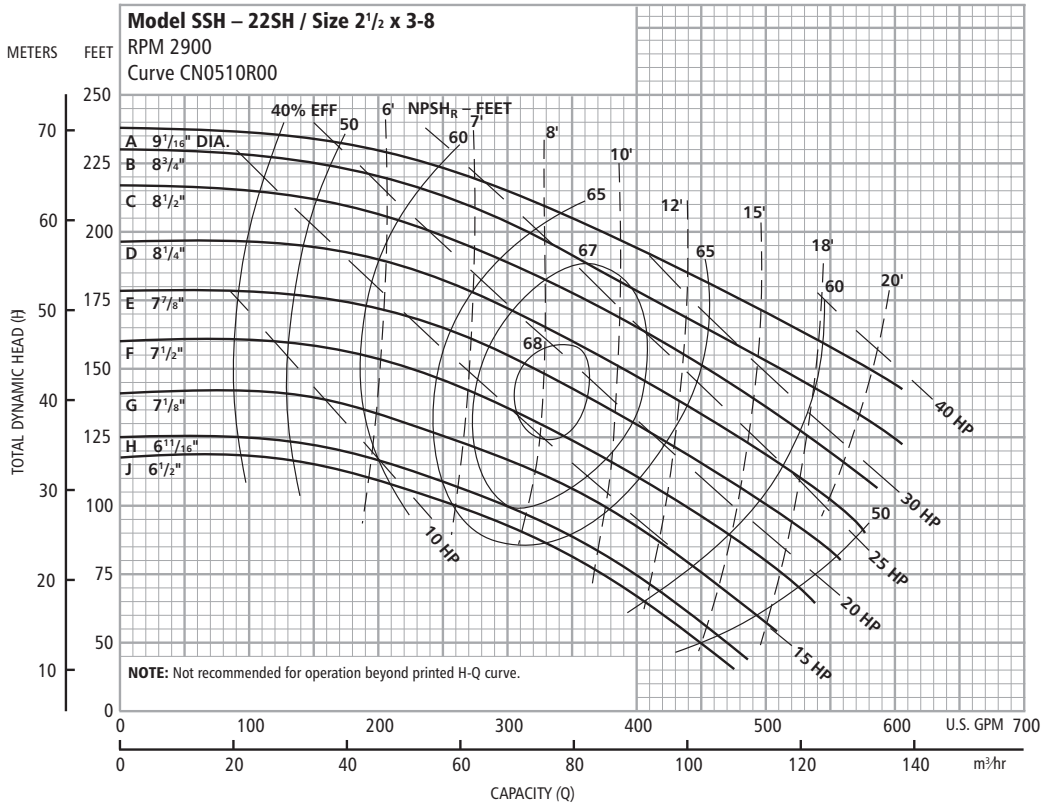
NOTE: Pump will pass a sphere to ½" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 7/8"	30
B	9 1/2"	25
C	9 1/8"	20
D	8 13/16"	20
E	8 3/16"	15
F	7 15/16"	15
G	7 11/16"	15

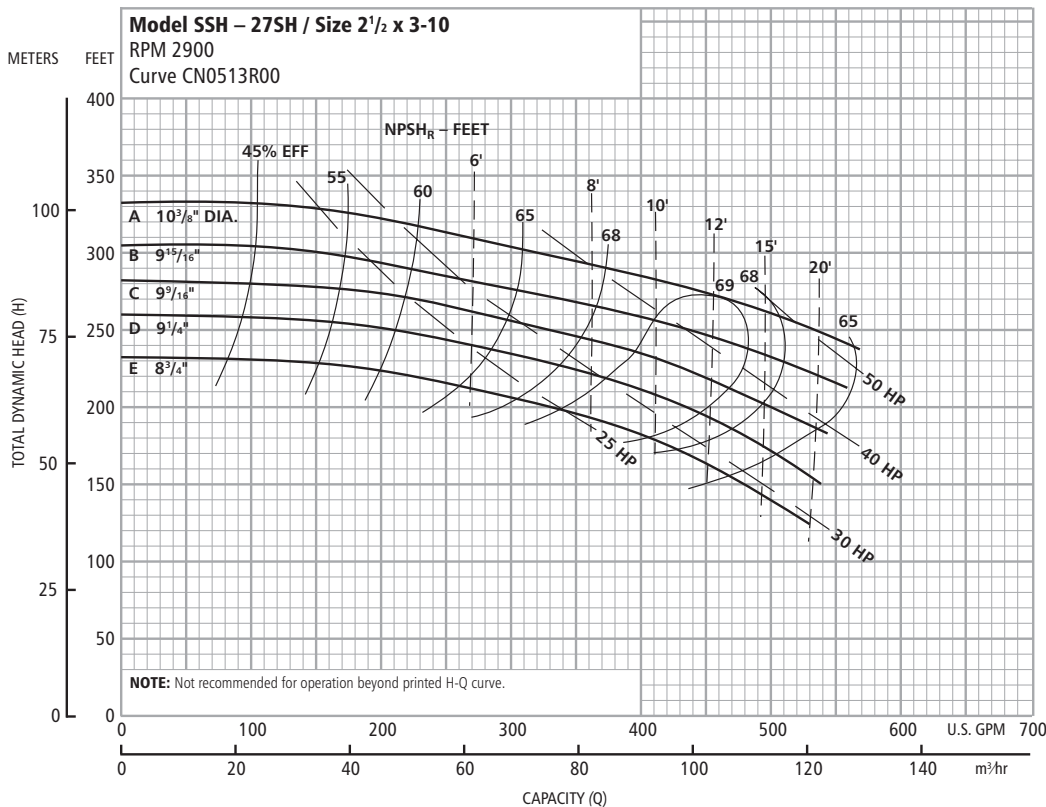
NOTE: Pump will pass a sphere to 5/16" diameter.

Performance Curves – 50 Hz, 2900 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 1/16"	40
B	8 3/4"	30
C	8 1/2"	30
D	8 1/4"	25
E	7 7/8"	20
F	7 1/2"	20
G	7 1/8"	15
H	6 11/16"	15
J	6 1/2"	15

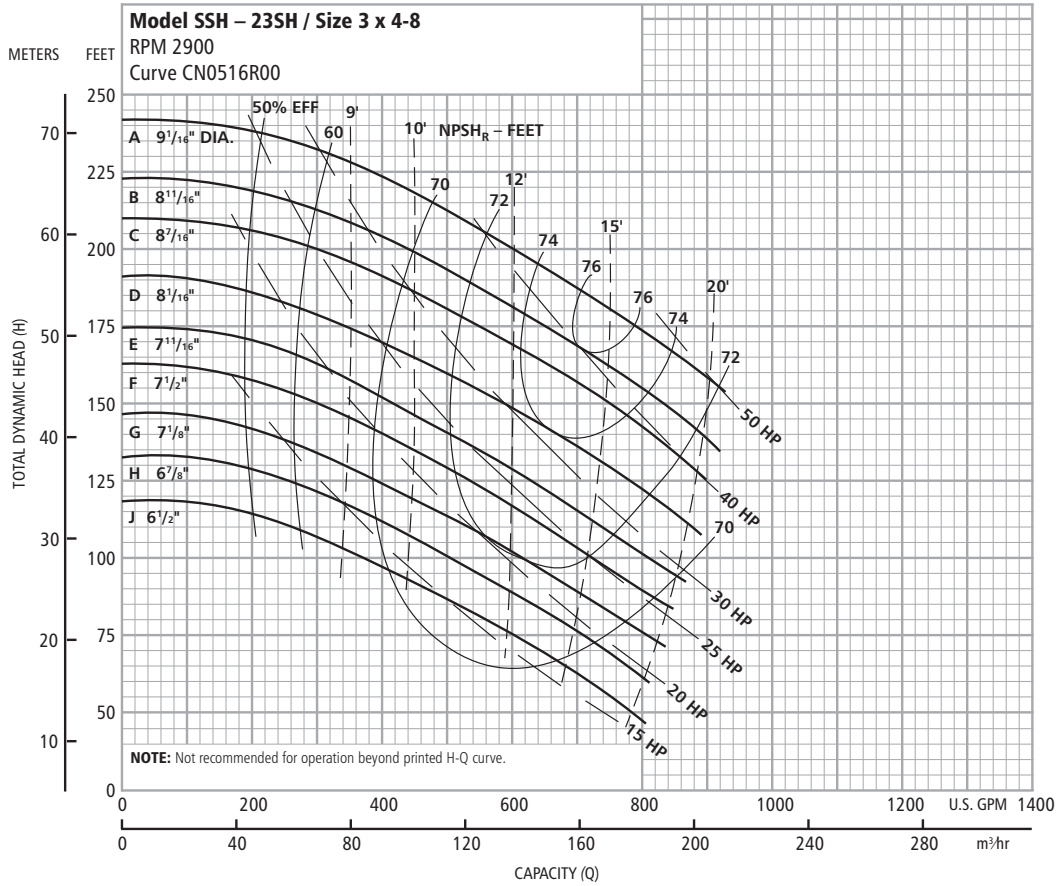
NOTE: Pump will pass a sphere to 1 9/32" diameter.



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	10 3/8"	50
B	9 15/16"	40
C	9 9/16"	40
D	9 1/4"	30
E	8 3/4"	30

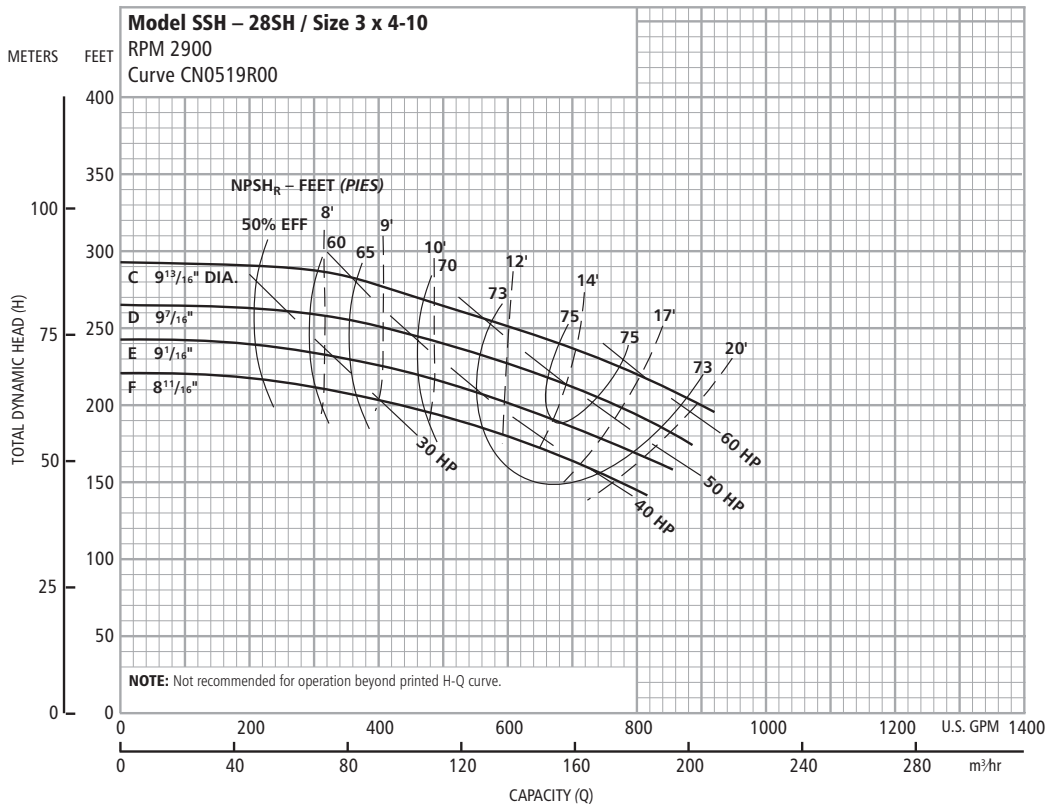
NOTE: Pump will pass a sphere to 1 9/32" diameter.

Performance Curves – 50 Hz, 2900 RPM



Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
A	9 1/16"	50
B	8 11/16"	40
C	8 7/16"	40
D	8 1/16"	30
E	7 11/16"	30
F	7 1/2"	25
G	7 3/8"	20
H	6 7/8"	20
J	6 1/2"	15

NOTE: Pump will pass a sphere to 1/2" diameter.

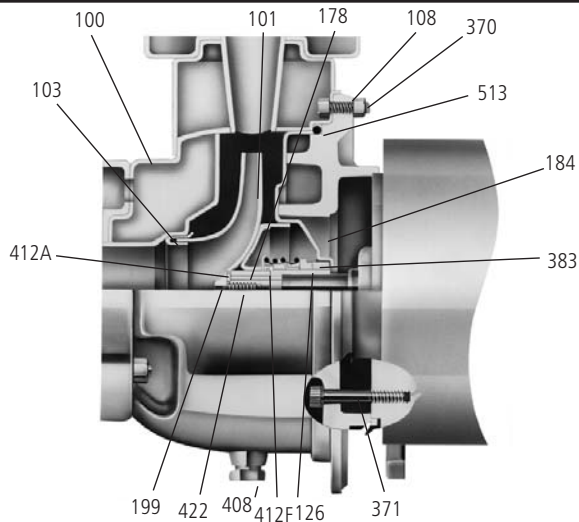


Optional Impeller		
Impeller Code	Dia.	Standard HP Rating
C	9 13/16"	60
D	9 7/16"	50
E	9 1/16"	50
F	8 11/16"	40

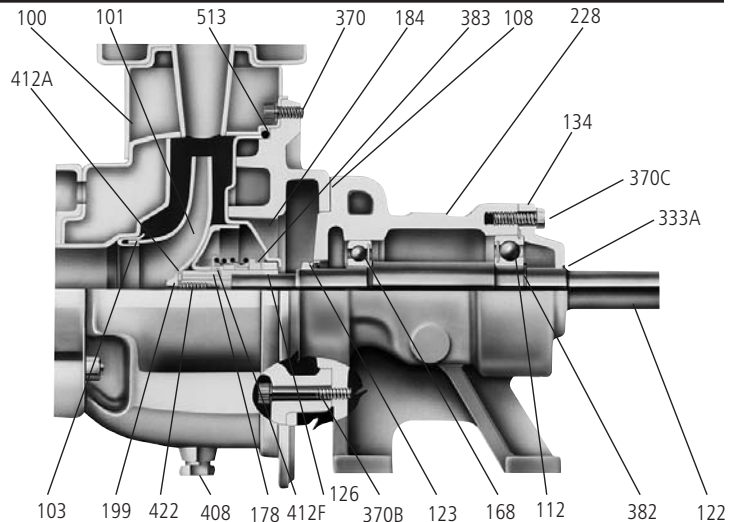
NOTE: Pump will pass a sphere to 3/4" diameter.

SSH Close Coupled – Materials of Construction

SSH Frame Mounted – Materials of Construction



Item No., Description	Materials
100 Casing	
101 Impeller	316L SS
103 Wear ring	
184 Seal housing	
126 Shaft sleeve	316 SS
422 Impeller stud	Steel
178 Impeller key	Carbon steel
199 Impeller washer	316 SS
370 Casing bolt with nut (casing to adapter)	316L SS
108 Adapter	Cast iron ASTM A48 CL20
371 Hex head cap screw (adapter to motor)	Steel SAE 1200 series
412A O-ring, Impeller	Viton
412F O-ring, shaft sleeve	
513 O-ring	
408 Drain plug – 3/8 NPT	316L SS
383 Mechanical seal	See seal chart



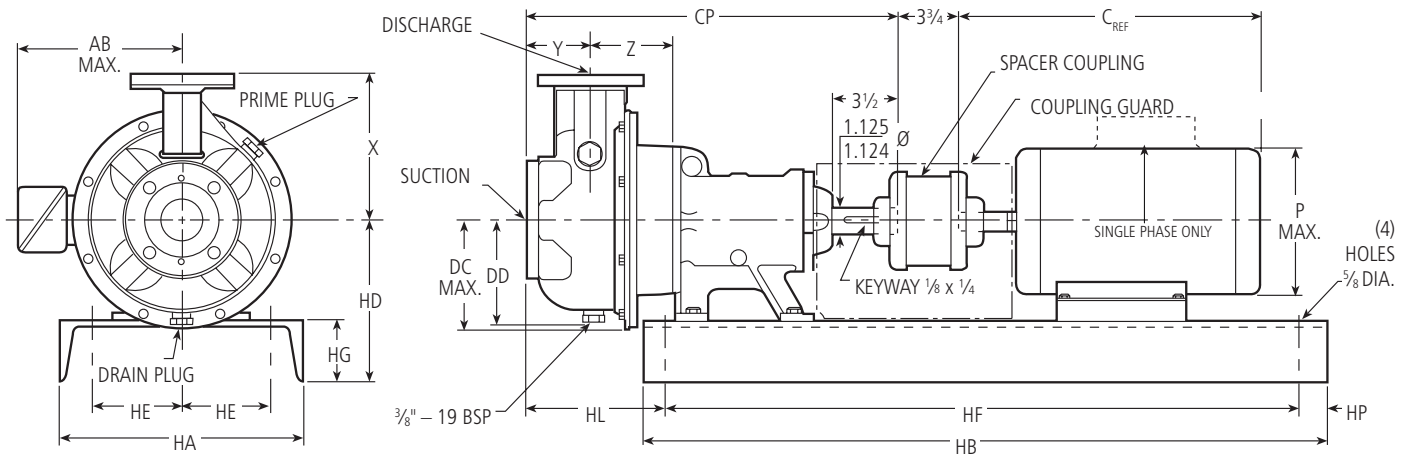
Item No., Description	Materials
100 Casing	
101 Impeller	316L SS
103 Wear ring	
184 Seal housing	
126 Shaft sleeve	316 SS
178 Impeller key	Carbon steel
422 Impeller Stud	
199 Impeller washer	316 SS
370 Casing bolt with nut	316L SS
408 Drain plug – 3/8 NPT	
513 O-ring	Viton
383 Mechanical seal	See seal chart
108 Adapter	Cast iron ASTM A48CL20
228 Bearing frame	
134 Bearing cover	
122 Pump shaft	Carbon steel
168 Ball bearing (inboard)	
112 Ball bearing (outboard)	
382 Retaining ring	
370B Hex head cap screw (adapter to bearing frame)	Steel
370C Hex head cap screw (bearing frame to cover)	
333A Lip seal	BUNA-N
193 *Grease fitting	Steel
123 V-ring deflector	BUNA-N

* M-Group only

Mechanical Seal

John Crane Type 21 Mechanical Seal							
Item	Part No.		Rotary	Stationary	Elastomers	Metal Parts	Intended Duty
	180-210 Frames	250-360 Frames					
383 Options	10K19	10K20	Carbon	Silicon Carbide	EPR	316 SS	Hot Water
	10K27	10K45					Mild Abrasive
	10K64	10K65	Sil-Carb.	Viton	Severe Duty		

Channel Steel Bedplate, Clockwise Rotation Viewed from Drive End



Dimensions and Weights – Determined by Pump

Pump	Suction*	Discharge*	CP	DC Max.	DD	X	Y	Z	Wt. (lbs.)	Dimension "HL" Determined by Pump and Bedplate				
										143/145	183/184	213/215	254/256	284/286
9SH 1 X 2-6	2	1	16 ³ / ₄	5	4 ³ / ₄	6 ³ / ₈	3 ³ / ₈	3 ³ / ₈	56	9 ¹ / ₈	7 ⁷ / ₈	3 ³ / ₈		
10SH 1 X 2-8				5 ⁵ / ₈	5 ³ / ₈	7 ¹ / ₈			64					
11SH 1 X 2-10				17 ⁷ / ₁₆	6 ¹ / ₈	6 ³ / ₈			8 ³ / ₈				86	10
4SH 1 ¹ / ₂ X 2 ¹ / ₂ -6	2 ¹ / ₂	1 ¹ / ₂	16 ³ / ₁₆	5	4 ³ / ₄	6 ³ / ₈	3 ³ / ₄	3 ³ / ₈	57	9 ¹ / ₄	7 ³ / ₄	4		
7SH 1 ¹ / ₂ X 2 ¹ / ₂ -8				5 ⁵ / ₈	5 ³ / ₈	7 ¹ / ₈			66					
5SH 2 X 2 ¹ / ₂ -6				5	4 ³ / ₄	7 ¹ / ₈			57				10	8 ¹ / ₂
8SH 2 X 2 ¹ / ₂ -8		17 ⁷ / ₁₆	2	6	5 ³ / ₄	7 ¹⁵ / ₁₆	68							
6SH 2 ¹ / ₂ X 3-6							59							

NOTES:

1. All pumps shipped in vertical discharge position. May be rotated in 90° increments. Tighten 3/8" – 16 casing bolts to 12 ft./lbs. torque.
2. Dimensions in inches.
3. Motor dimensions may vary with motor manufacturer.
4. Not to be used for construction purposes.

* For use with ANSI Class 150 mating flanges.

Available Motor and Bedplate Dimensions and Weights

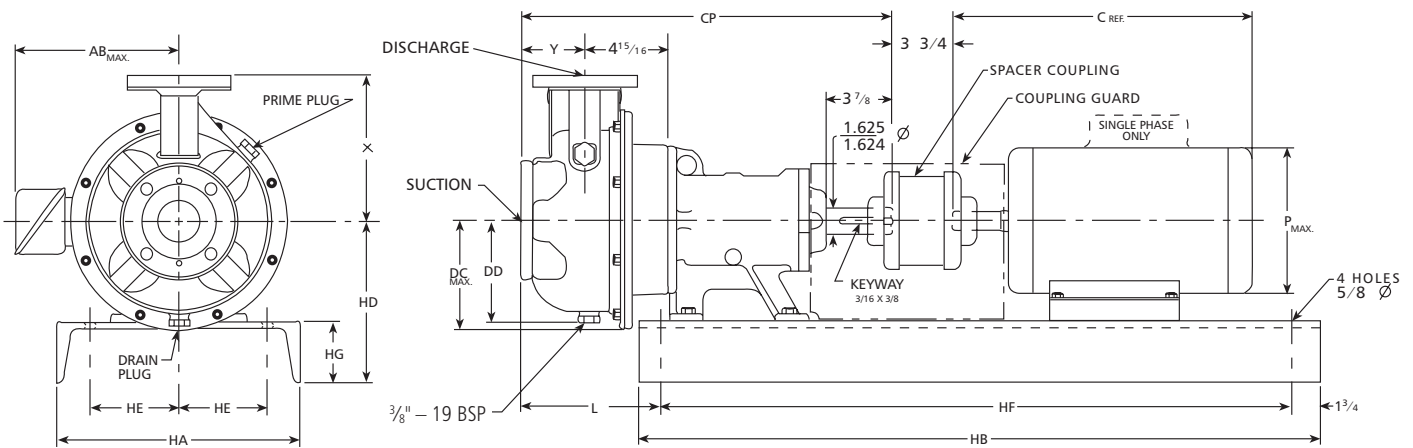
Motor Frame	HP @ 3500 RPM				HP @ 1750 RPM				AB Max.	C _{REF}	P Max.	Wt. Max.	Bedplate Data							Wt. (lbs.)	Motor Shim	Bearing Frame Shim	
	Single Phase		Three Phase		Single Phase		Three Phase						HA	HB	HD**	HE	HF	HG	HP*				
	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC															
143T					1	1	1	1	5 ¹ / ₄	13 ³ / ₈	6 ⁵ / ₈	45	10	28	8	3 ³ / ₄	24	2 ³ / ₄	3 ³ / ₄	48	1 ³ / ₄	—	
145T	2	2	2-3	2	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂ -2	1 ¹ / ₂ -2	14 ¹ / ₄	53													
182T	3	3	5	3	2	2	3	3	16 ⁵ / ₈	74													
184T	5	5	7 ¹ / ₂	5	3 or 5	3	5	3	5 ⁷ / ₈	18 ¹ / ₈	95												
213T			10	7 ¹ / ₂					7 ³ / ₈	18	9 ⁵ / ₈	116	12	31	8 ¹ / ₄	4 ¹ / ₄	29	3	1	65	—	—	
215T			15	10					19 ¹ / ₈	136													
254T			20	15					10 ¹ / ₈	21 ¹ / ₈	13	266	13	42	10 ¹ / ₄	5 ¹ / ₄	38 ¹ / ₂	4	1 ³ / ₄	110	—	1	
256T			25	20					23 ³ / ₈	264													
284TS			30	25					12 ⁵ / ₈	24 ⁷ / ₈	15	392	15	44	10 ¹ / ₂	5 ³ / ₄	40 ¹ / ₂	3 ¹ / ₂	124	—	1 ³ / ₄		
286TS			40	30					26 ⁵ / ₈	432													

Dimensions and weights vary with manufacturers. Dimensions in inches and weights in lbs.

* "HP" Dimensions at motor end only.

** "HD" Dimension for 254T/256T motor frame on 1 x 2-10 only is 11"; A 3/4" motor shim and a 1 3/4" bearing frame shim are required.

Channel Steel Bedplate, Clockwise Rotation Viewed from Drive End



Dimensions and Weights – Determined by Pump,

Pump	Pump Size,	Suction*	Discharge*	CP	DC Max.	DD	L	X	Y	Wt. (lbs.)
24SH	1½ x 2½-10	2½	1½	23	6⅞	6⅞	10⅞	8⅝	4	125
25SH	2 x 2½-10		2		6⅞	5⅞				125
22SH	2½ x 3-8	3	2½		6⅞	6⅞				9⅝
27SH	2½ x 3-10				11⅞	5	136			
23SH	3 x 4-8	4	3	24	7⅞	7⅞	11⅞	5	148	
28SH	3 x 4-10									

* For use with ANSI class 150 mating flanges.

NOTE:

1. Pumps will be shipped with top vertical discharge as standard. For other orientations, remove casing bolts, rotate discharge to desired position and tighten ¾ – 16 bolts to 12 ft./lbs.
2. ALL dimensions in inches.
3. Not for construction purposes.

Available Motor and Bedplate Dimensions and Weights

Motor Frame	HP @ 3500 RPM		HP @ 1750 RPM – T-Frame Only				AB Max.	C	P Max.	Wt. Max.	Bedplate Data						
	Three Phase		Single Phase		Three Phase						HA	HB	HD	HE	HF	HG	Wt. (lbs.)
	ODP	TEFC	ODP	TEFC	ODP	TEFC											
184T			3 or 5	3	5	5	5⅞	18⅞	7⅞	95	13	42	10¼	5¼	38½	4	111
213T					7½	7½	7⅞	18	9⅞	116							
215T	15				10	10	7⅞	19⅞	13	136							
254T	20	15			15	15	9½	21⅞	13	266							
256T	25	20			20	20	9½	23⅞	13	264							
284TS/T	30	25			25	25	12⅝	24⅞	15	392	15	44	10½	5¾	40½	3½	124
286TS/T	40	30					12⅝	26⅞	15	422							
324TS/T	50	40					14⅞	28¾	17⅞	592	18	48	12	7¼	44½	4	183
326TS/T	60	50					14⅞	30¼	18⅞	634							
364TS/T	75	60					15⅞	31⅞	18⅞	834							
365TS/T	100	75					15⅞	32⅞	18⅞	1000							
405TS/T		100					18	36⅞	20⅞	1060	22	56	14	7¼	52½	4	214

Dimensions and weights vary with manufacturers. Dimensions in inches and weights in lbs.

