

Model 3U/3UB

EBARA Stainless Steel Centrifugal Pumps

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Model 3U - 1725RPM

| Item No. | Selection Chart | Performance Curve |
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3U/3UB

Model 3U/3UB

EBARA Stainless Steel Centrifugal Pumps

Model Designation



MODEL TYPE

3U – stainless steel centrifugal

IMPELLER TYPE

(none) – stainless steel

B – bronze

SPEED

(none) – 3450 RPM

4 – 1725 RPM

DISCHARGE SIZE

32 – 1¼"

40 – 1½"

50 – 2"

65 – 2½"

IMPELLER PERFORMANCE CODE

125

160

200

MOTOR HP

30 – 3HP

50 – 5HP

75 – 7.5HP

100 – 10HP

150 – 15HP

200 – 20HP

250 – 25HP

300 – 30HP

MOTOR ENCLOSURE

T – TEFC

D – ODP

PHASE

1 – single phase

3 – three phase

MECHANICAL SEAL TYPE

C – Carbon/Ceramic/Viton

G – Carbon/Ceramic/Buna

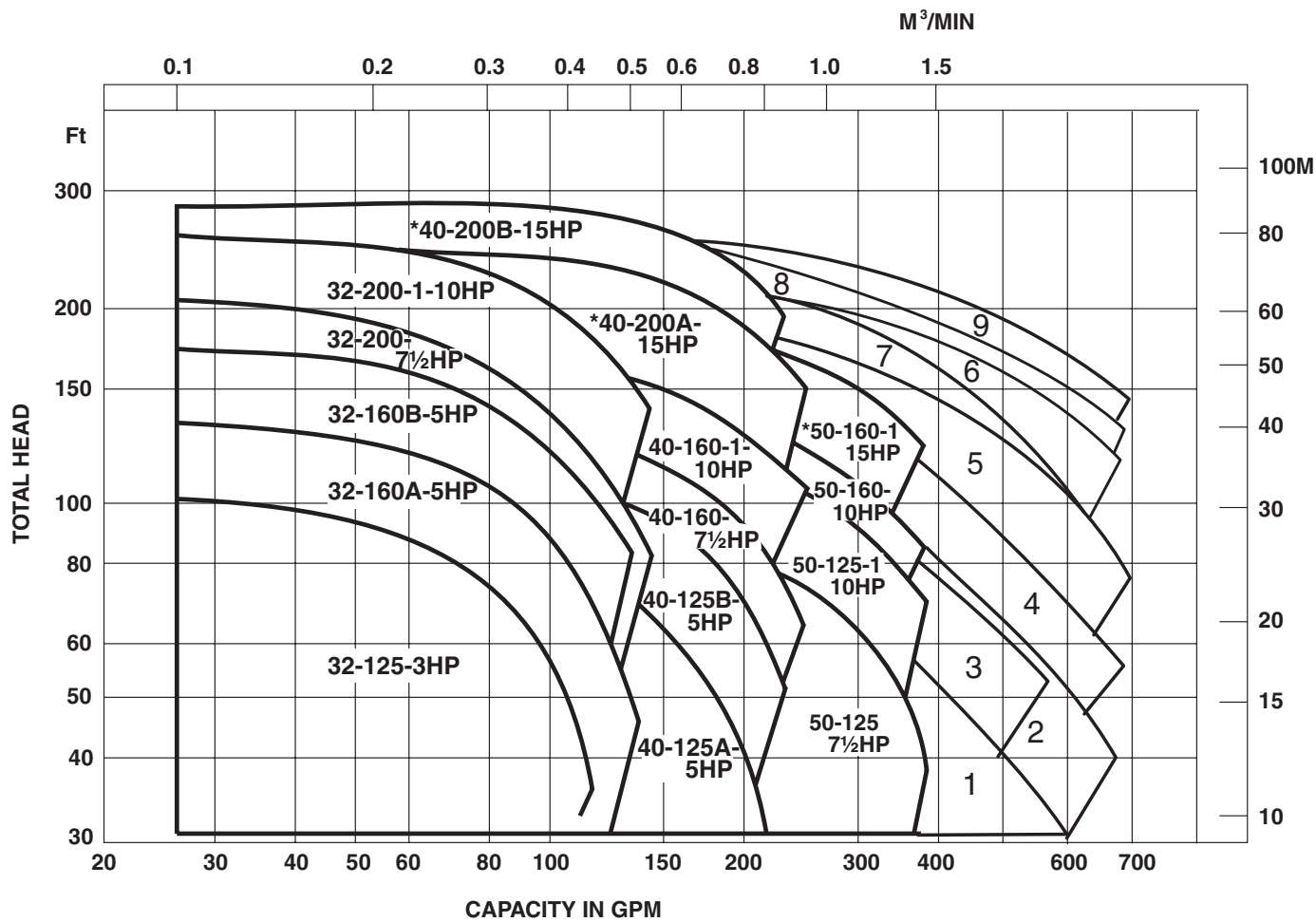
H – Hot water – Carbon/Ni-Resist/Viton



Model 3U/3UB**EBARA Stainless Steel Centrifugal Pumps****Specifications**

| | Standard | Optional | |
|---|---|---|---|
| Size Suction (150 lb. ANSI R.F. equivalent) Discharge (150 lb. ANSI R.F. equivalent) | 3U32 – 2" ANSI Equivalent 3U40 – 2½" ANSI Equivalent 3U50 – 2½" ANSI Equivalent 3UB65 – 3" ANSI Equivalent 3U32 – 1¼" ANSI Equivalent 3U40 – 1½" ANSI Equivalent 3U50 – 2" ANSI Equivalent 3UB65 – 2½" ANSI Equivalent | Companion Flange kit 150 Lb. ANSI, Female NPT | |
| Range of HP | 3U – 3 HP to 15 HP 3UB – 7½ HP to 30 HP | | |
| Range of Performance Capacity Head | 13 to 750 GPM at 3450 RPM 33 to 250 feet at 3450 RPM | | |
| Liquid handled Type of liquid Temperature Max. working pressure | Clean water 212°F (100°C) 230 PSI (15 Bar) | Max. 250°F (121°C) with optional high temperature seal | |
| Materials Casing Impeller (closed type) Shaft Sleeve Bracket | 3U 304L Stainless Steel 304L Stainless Steel 304L Stainless Steel Cast iron | 3UB 304L Stainless Steel Bronze 304L Stainless Steel Cast iron | 3UB – Optional stainless steel impeller |
| Shaft Seal Seal Material | Mechanical Seal – Type 21 Carbon/Ceramic/Viton Carbon/Ceramic/Buna Hot water – Carbon/Ni-Resist/Viton, 250°F (121°C) max. | Consult factory for additional optional seal availability | |
| Direction of Rotation | Clockwise when viewed from motor end | | |
| Motor Type Speed Bearing Single Phase Three Phase Motor Protection | NEMA JM, TC, TSC Frame 60 Hz, 3450 RPM (2 poles) Ball Bearing TEFC – 3 HP ODP – 3 HP to 10 HP TEFC – 3 HP to 30 HP ODP – 3 HP to 30 HP 208-230/460V Overload protection must be provided | 4 pole – consult factory as noted Explosion proof – consult factory for availability Washdown duty – consult factory for availability | |
| Standard Accessories | Suction and Discharge Flange Gasket Motor support | | |

Synchronous Speed 3450 RPM



*Three phase motor only

1. 3U65-125-7.5HP
2. 3U65-125-10HP
3. 3U65-160-10HP
4. 3U65-160-15HP*
5. 3U65-160-20HP*
6. 3U65-160-25HP*
7. 3U65-200-20HP*
8. 3U65-200-25HP*
9. 3U65-200-30HP*

Model 3U

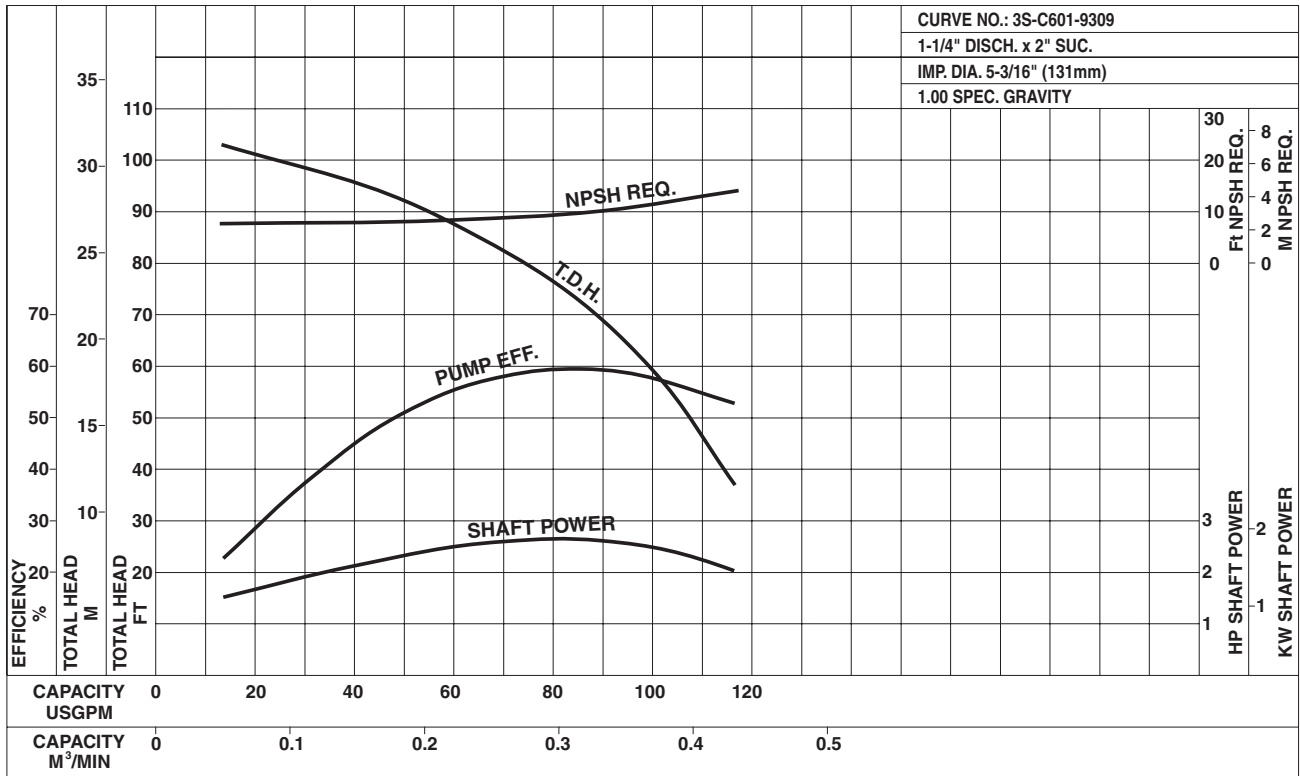
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U 32-125-3HP

Synchronous Speed: 3450 RPM

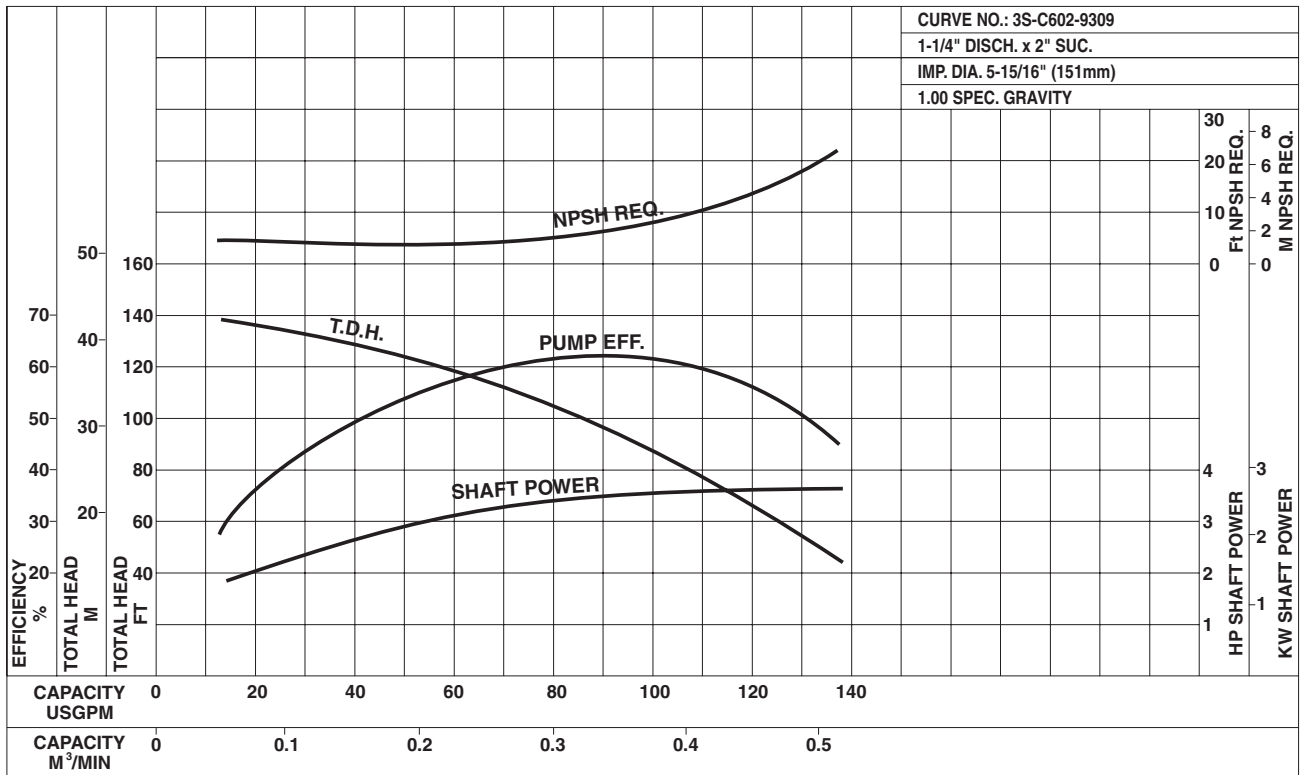
Size: 1 1/4 x 2 x 5 3/16



3U 32-160A-5HP

Synchronous Speed: 3450 RPM

Size: 1 1/4 x 2 x 5 15/16



Model 3U

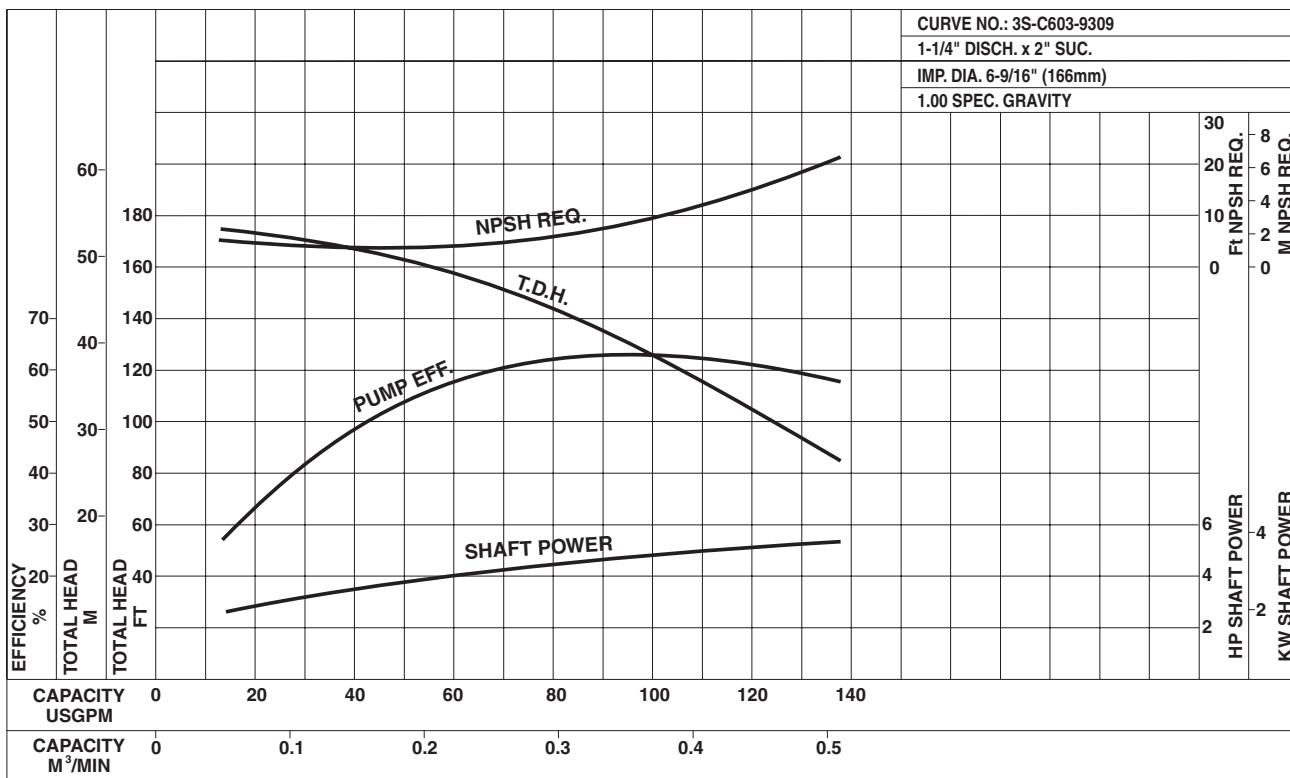
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U 32-160B-5HP

Synchronous Speed: 3450 RPM

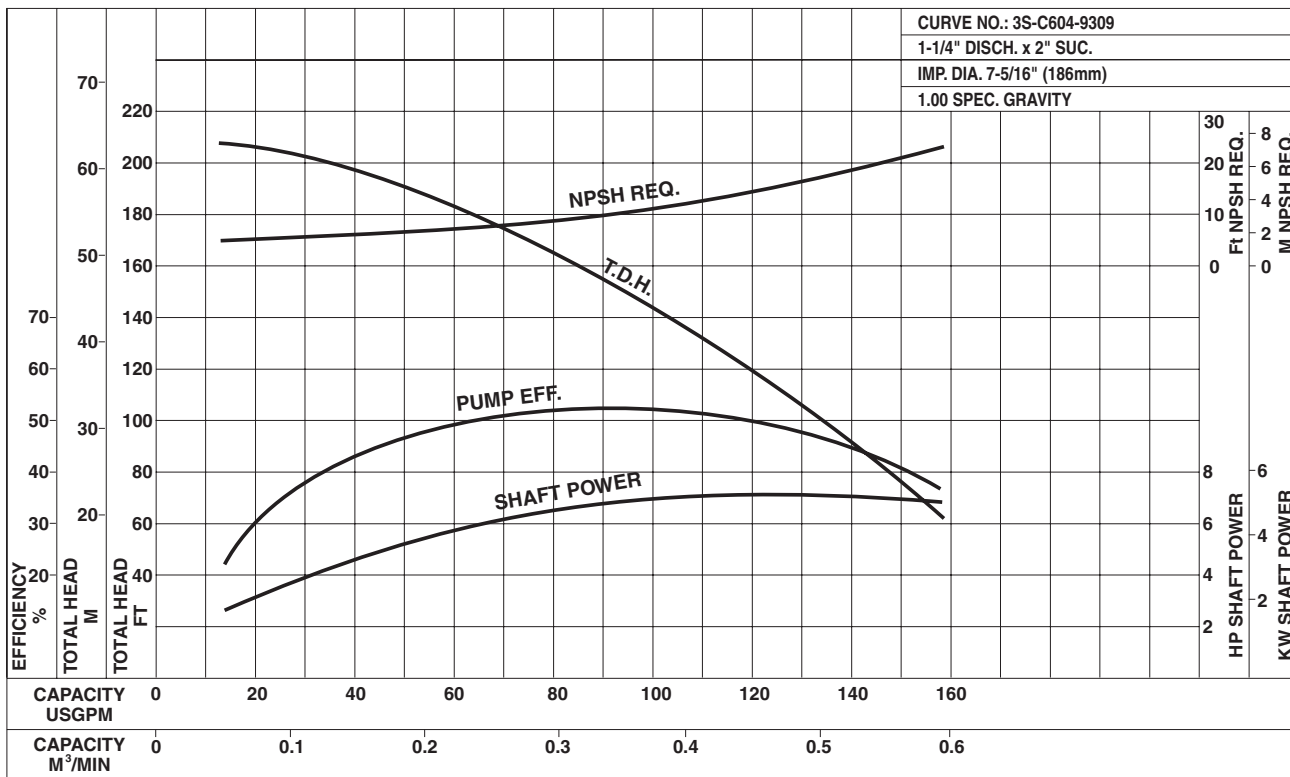
Size: 1 1/4 x 2 x 6 9/16



3U 32-200-7 1/2HP

Synchronous Speed: 3450 RPM

Size: 1 1/4 x 2 x 7 5/16



Model 3U

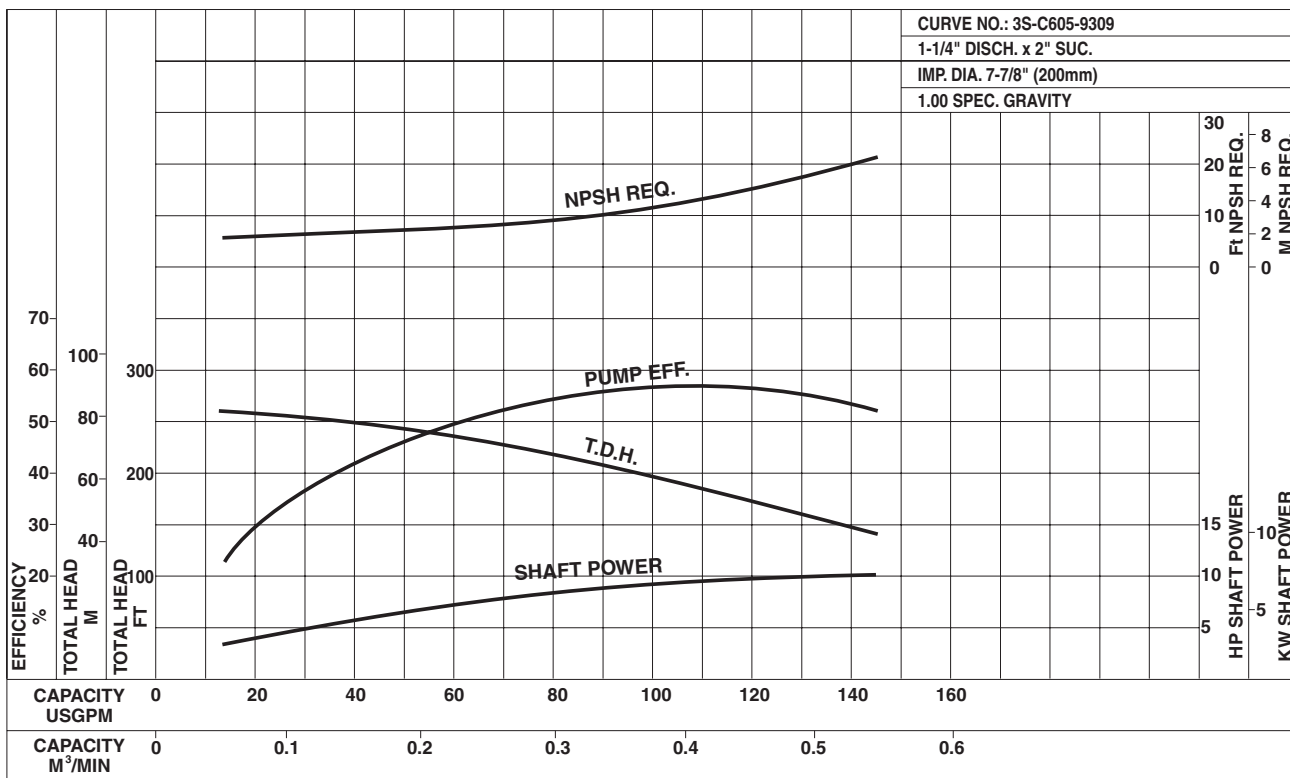
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U 32-200-1-10HP

Synchronous Speed: 3450 RPM

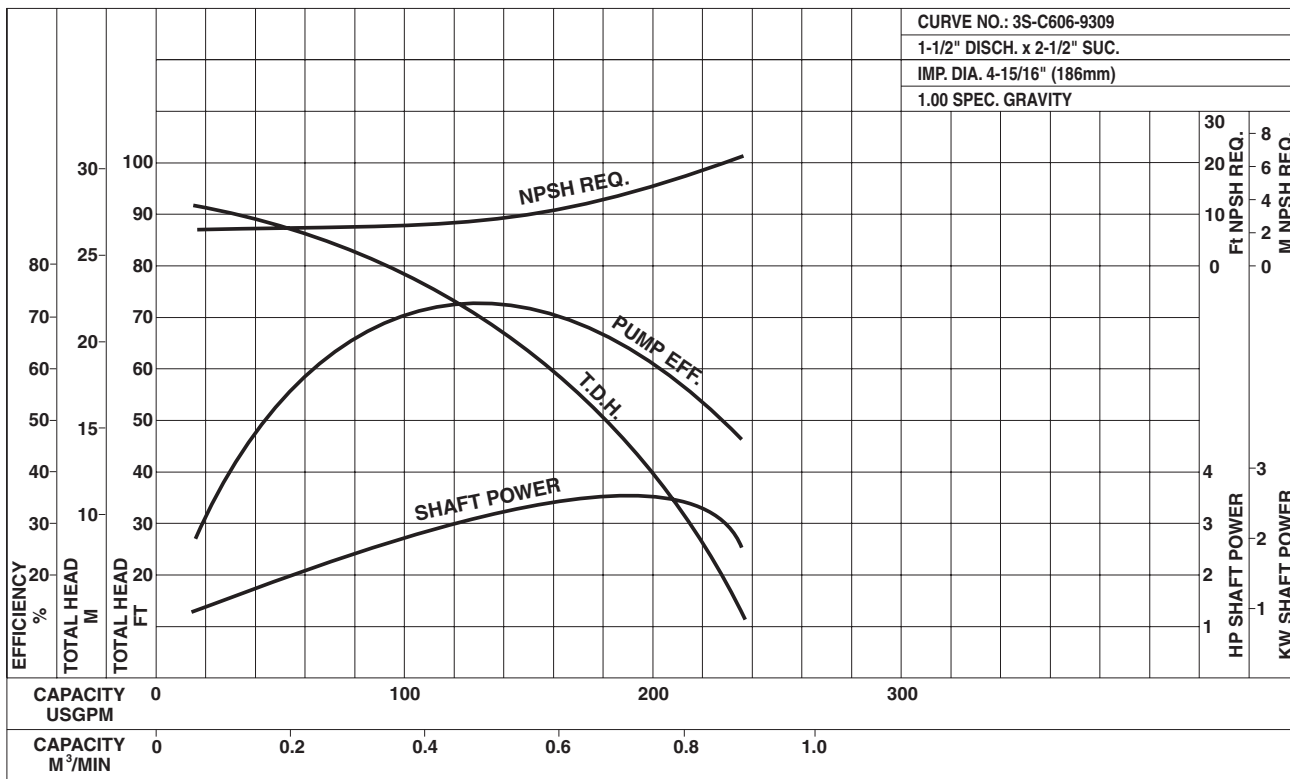
Size: 1 1/4 x 2 x 7/8



3U 40-125A-5HP

Synchronous Speed: 3450 RPM

Size: 1 1/2 x 2 1/2 x 4 15/16



Model 3U

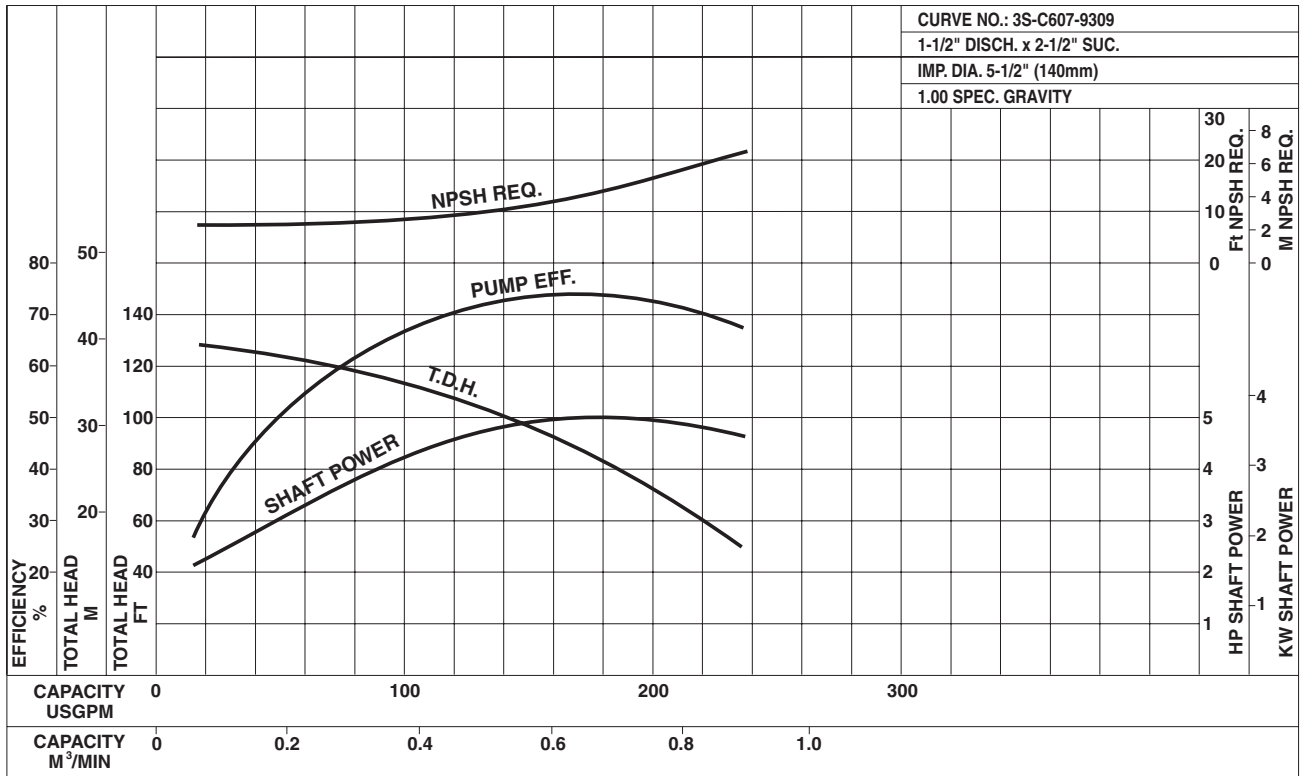
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U 40-125B-5HP

Synchronous Speed: 3450 RPM

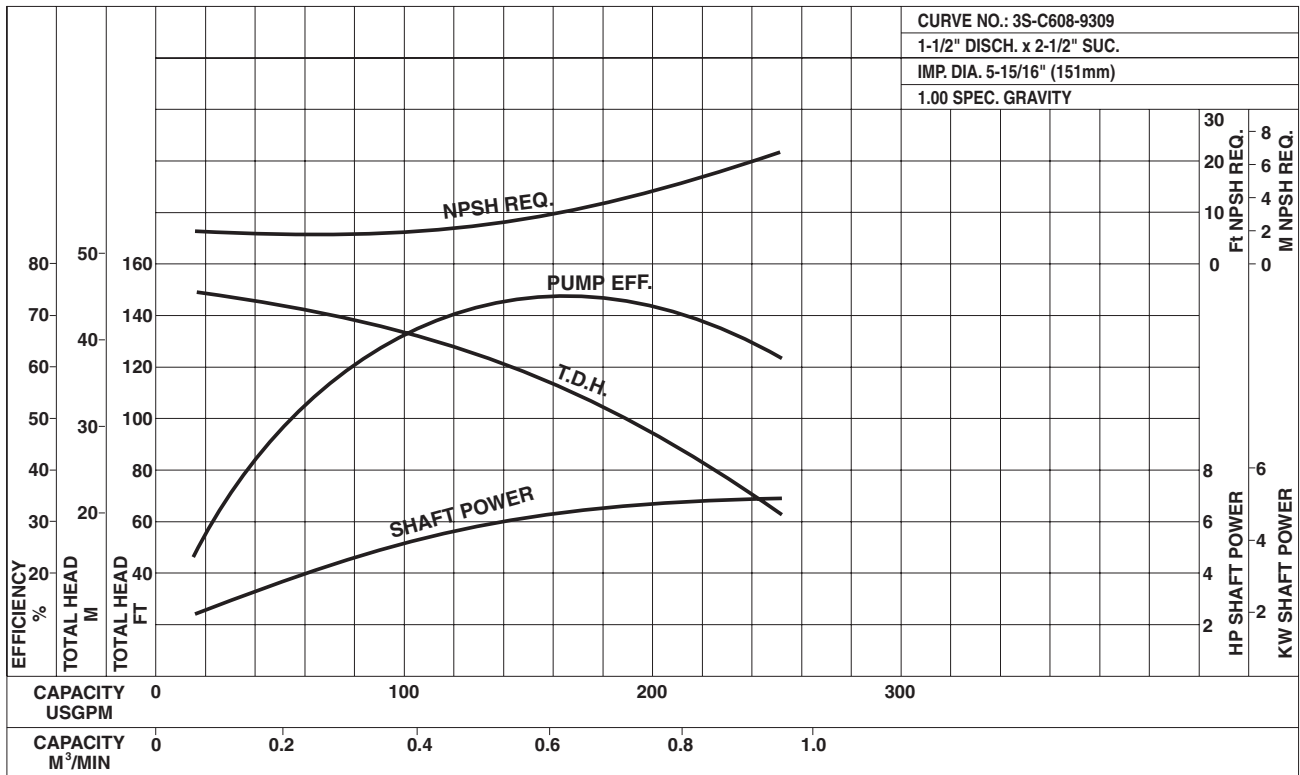
Size: 1 1/2 x 2 1/2 x 5 1/2



3U 40-160-7 1/2 HP

Synchronous Speed: 3450 RPM

Size: 1 1/2 x 2 1/2 x 5 15/16



Model 3U

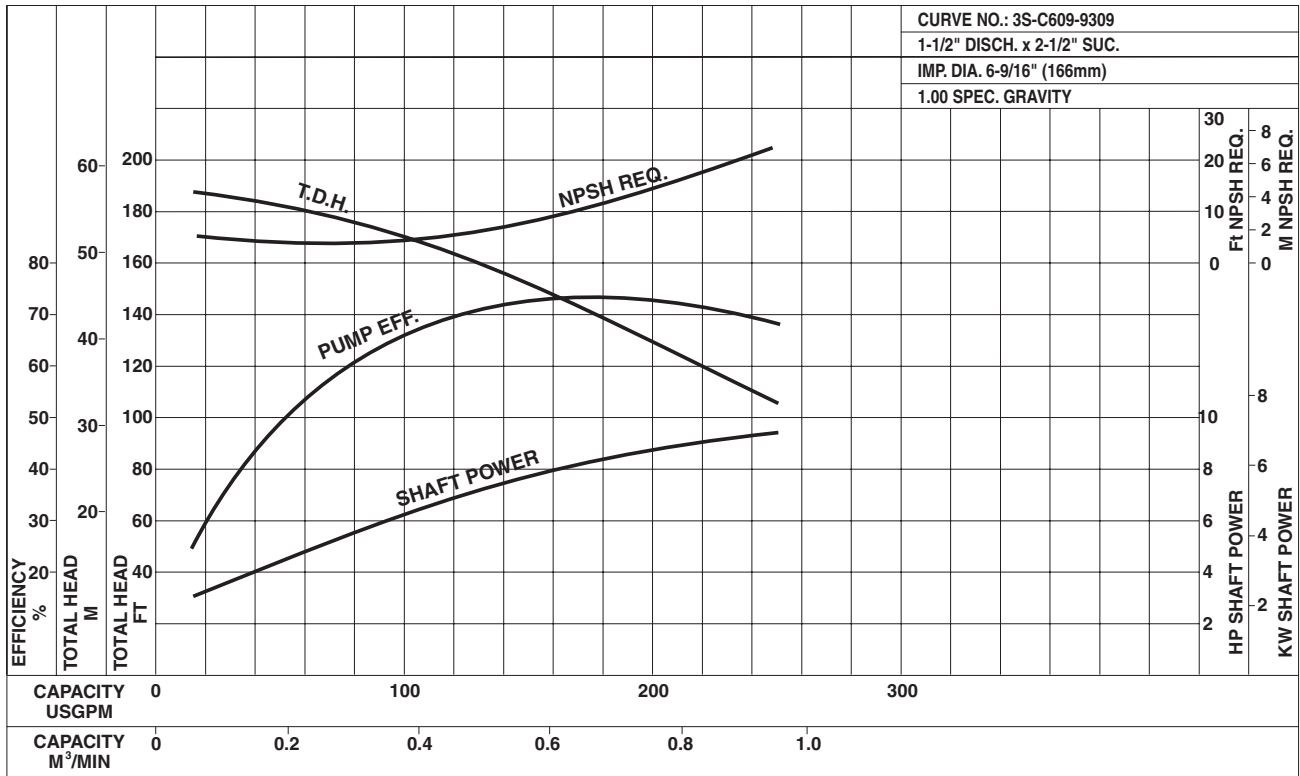
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U 40-160-1-10HP

Synchronous Speed: 3450 RPM

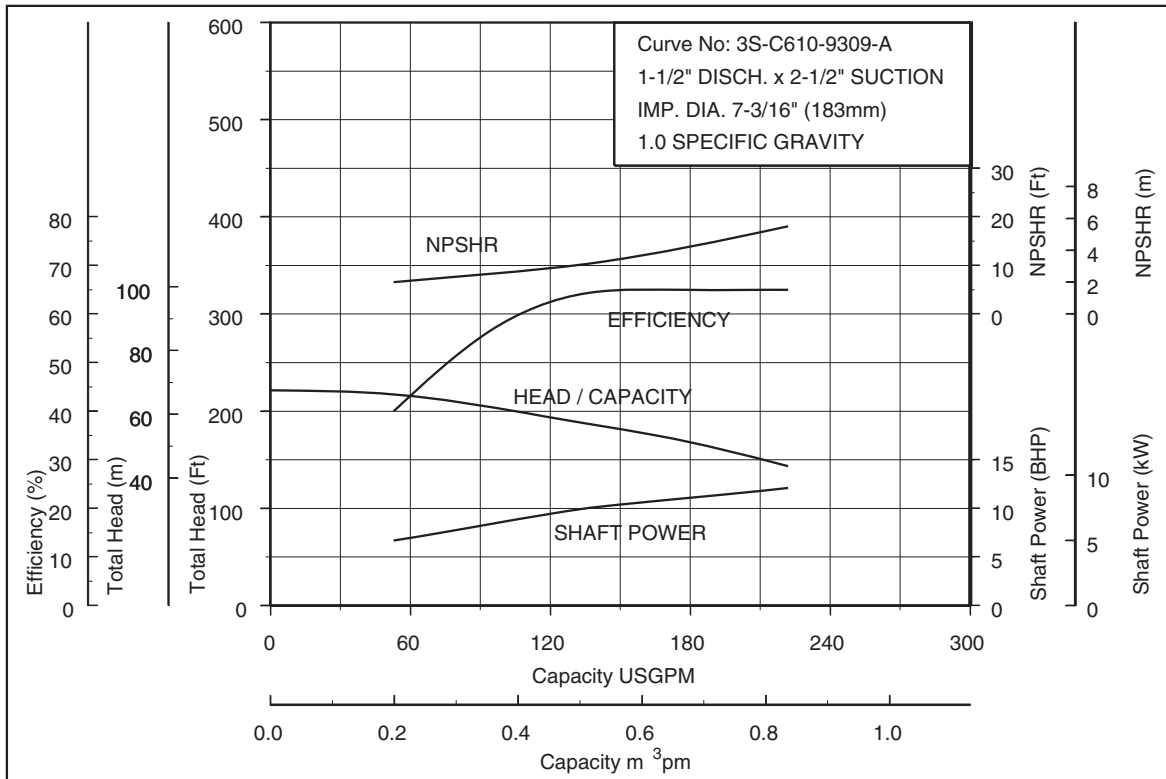
Size: 1 1/2 x 2 1/2 x 6 9/16



3U 40-200A-15HP

Synchronous Speed: 3450 RPM

Size: 1 1/2 x 2 1/2 x 7 3/16



Model 3U

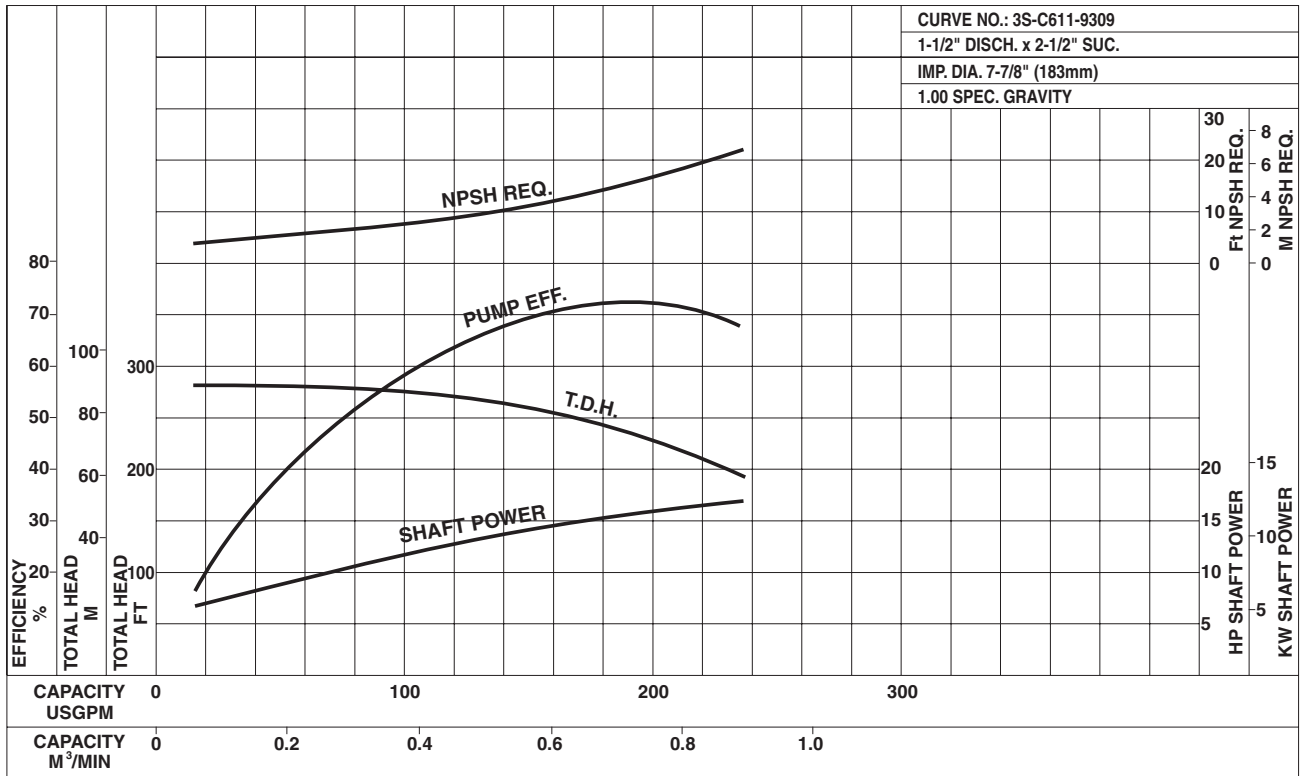
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U 40-200B-15HP

Synchronous Speed: 3450 RPM

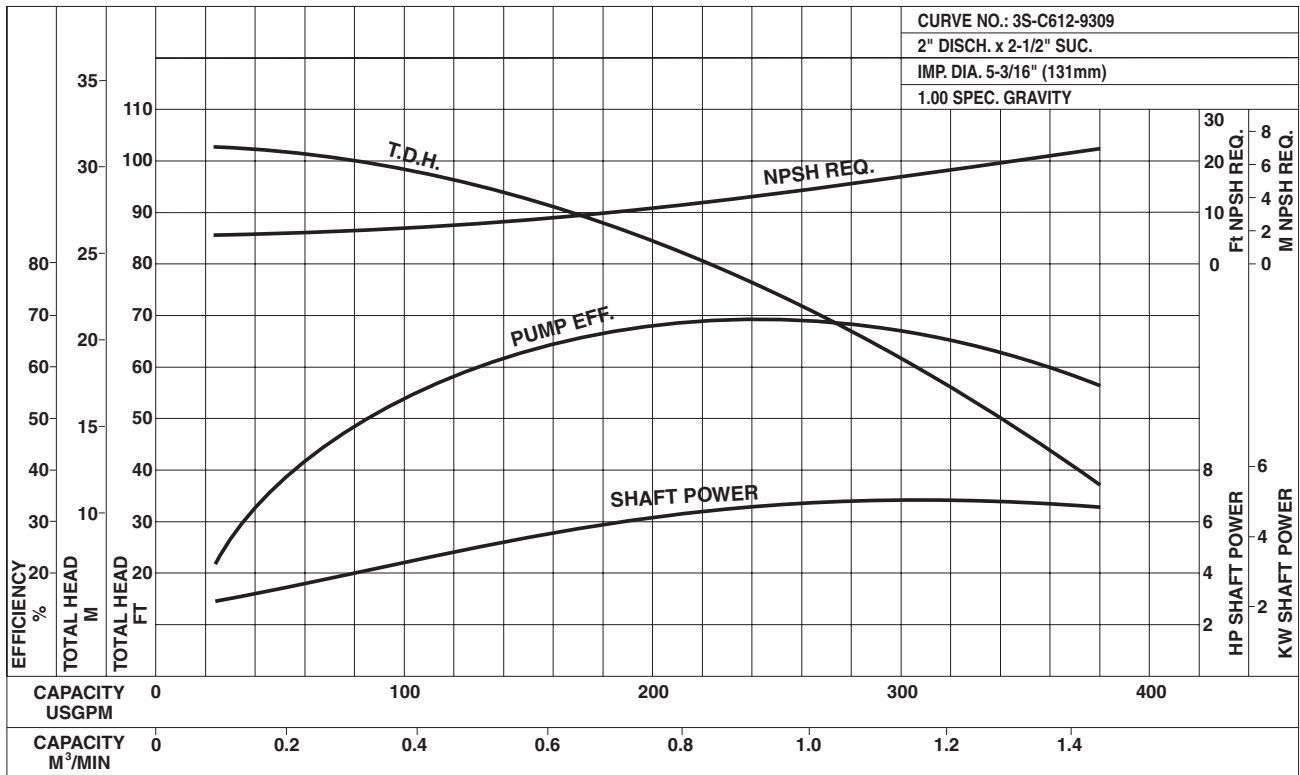
Size: 1 1/2 x 2 1/2 x 7/8



3U 50-125-7 1/2HP

Synchronous Speed: 3450 RPM

Size: 2 x 2 1/2 x 5 3/16



Model 3U

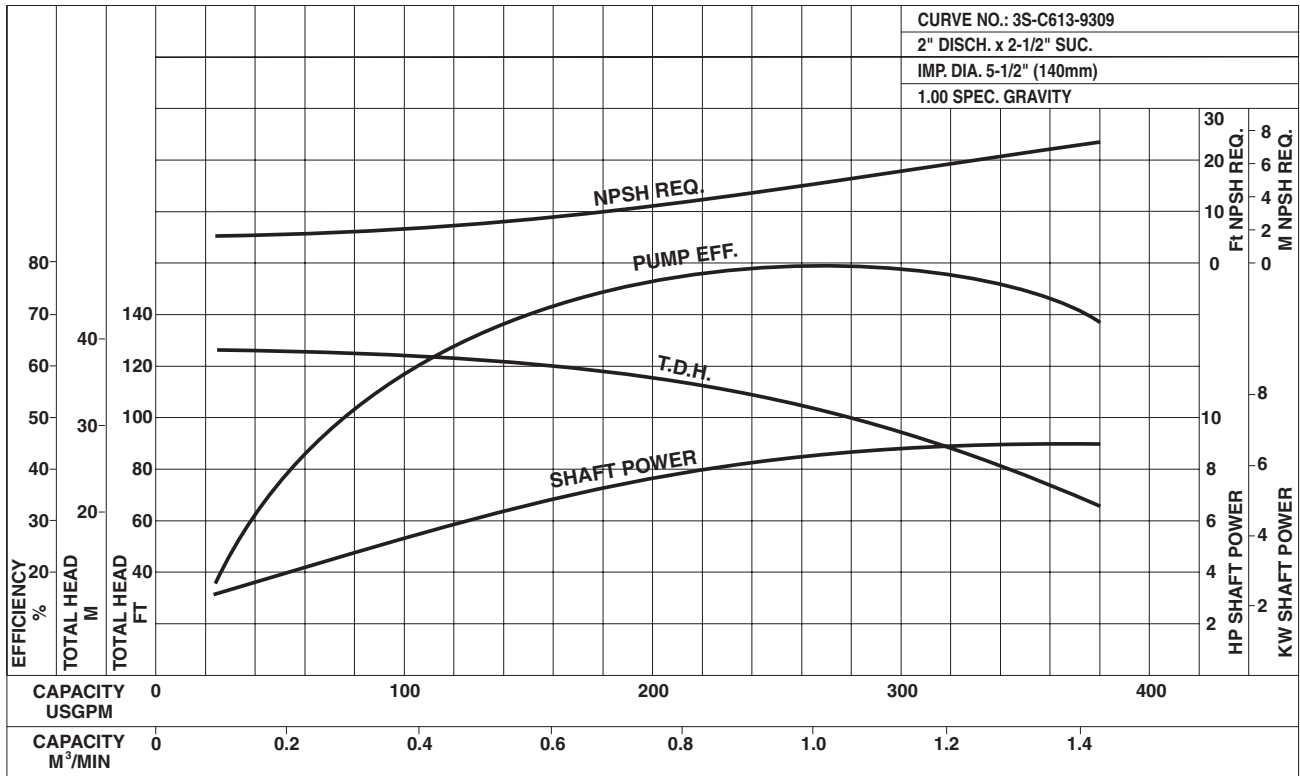
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U 50-125-10HP

Synchronous Speed: 3450 RPM

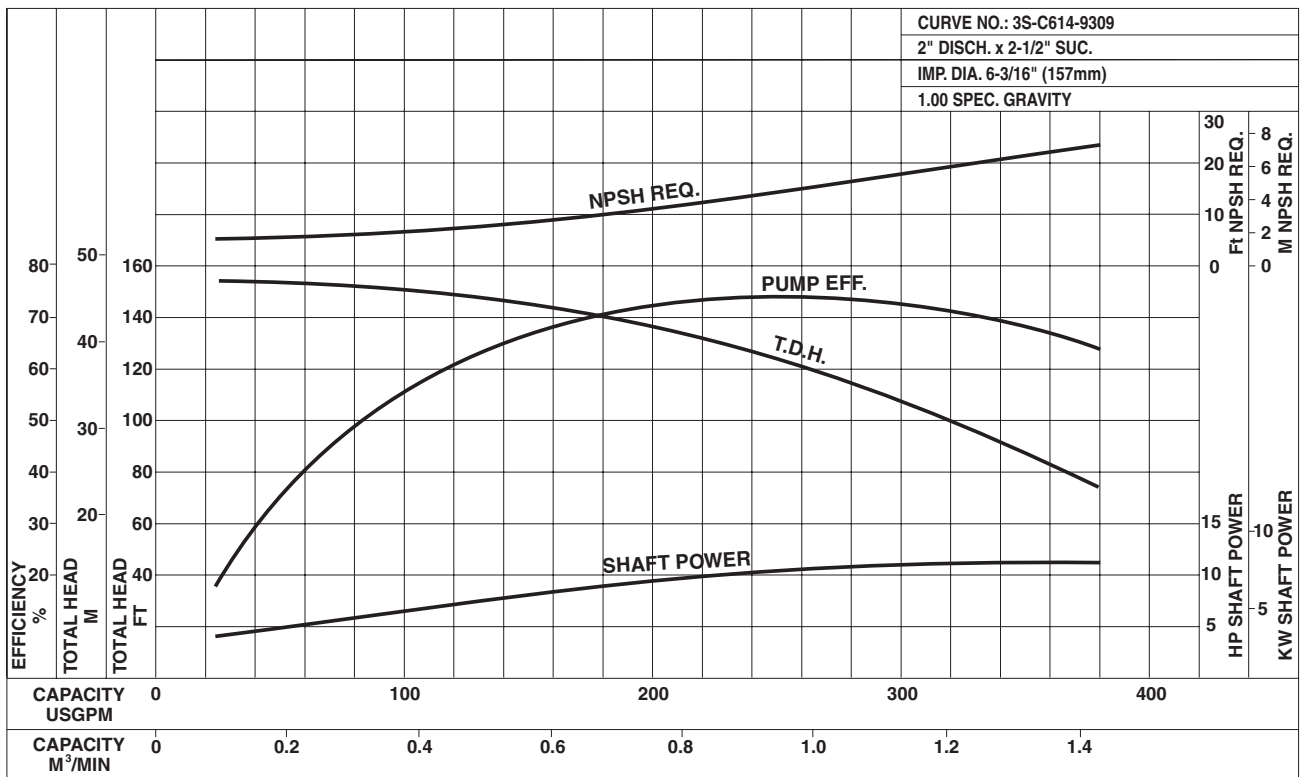
Size: 2 x 2½ x 5½



3U 50-160-10HP

Synchronous Speed: 3450 RPM

Size: 2 x 2½ x 6³/₁₆



Model 3U

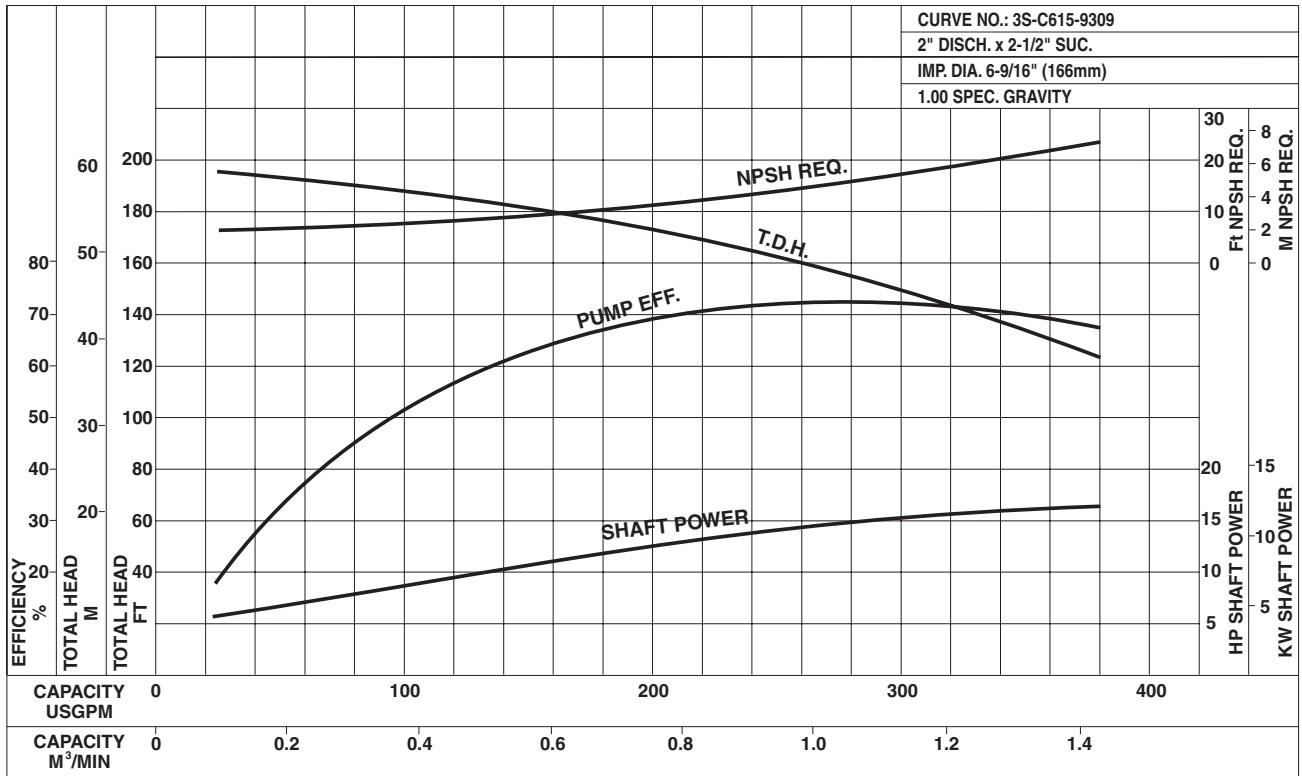
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U 50-160-1-15HP

Synchronous Speed: 3450 RPM

Size: 2 x 2¹/₂ x 6⁹/₁₆



Model 3UB

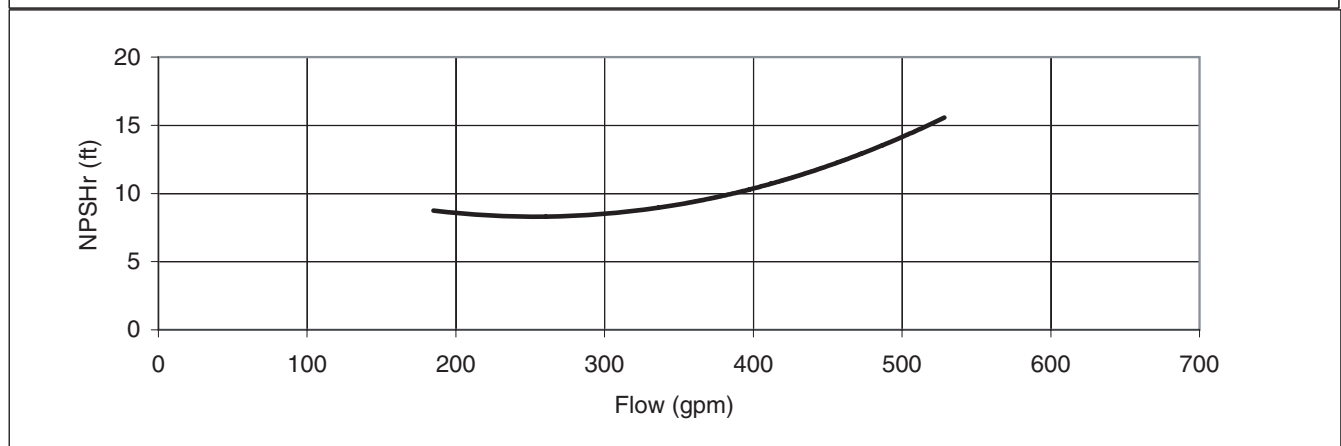
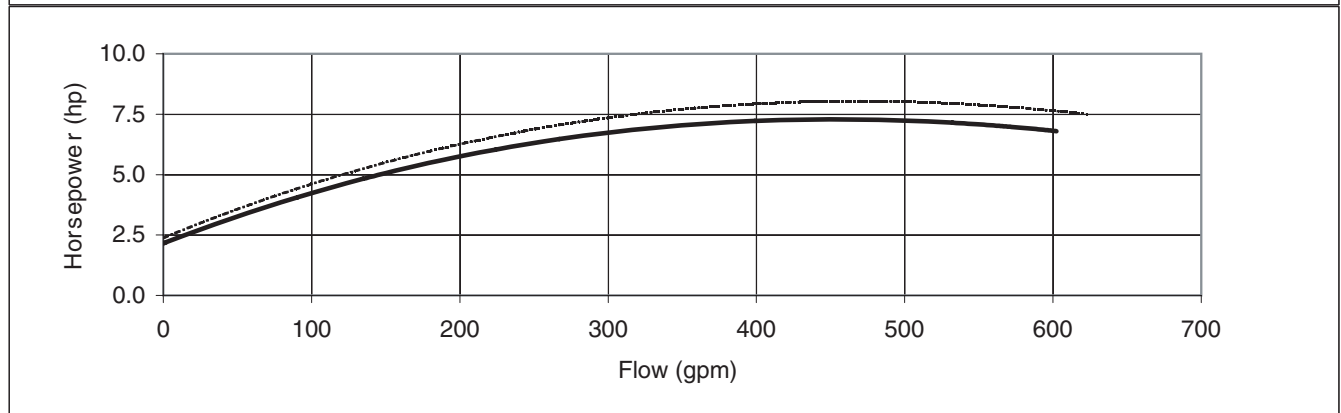
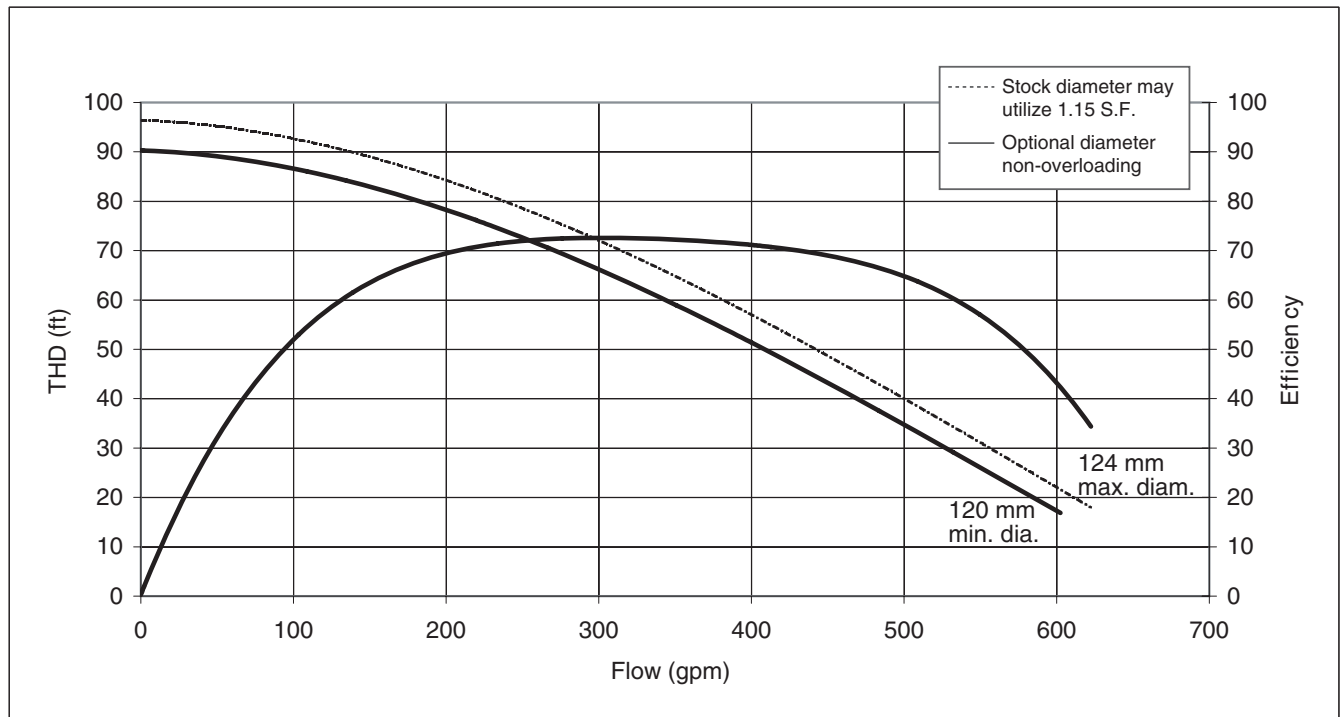
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3UB 65-125-7.5HP

Synchronous Speed: 3450 RPM

Size: 2 1/2 x 3 x 4 7/8 (124mm)



Model 3UB

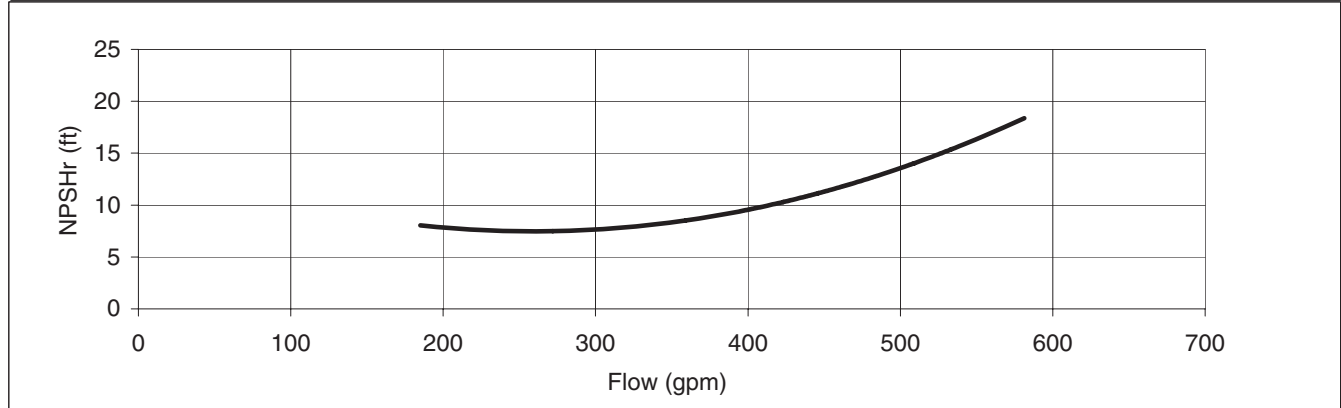
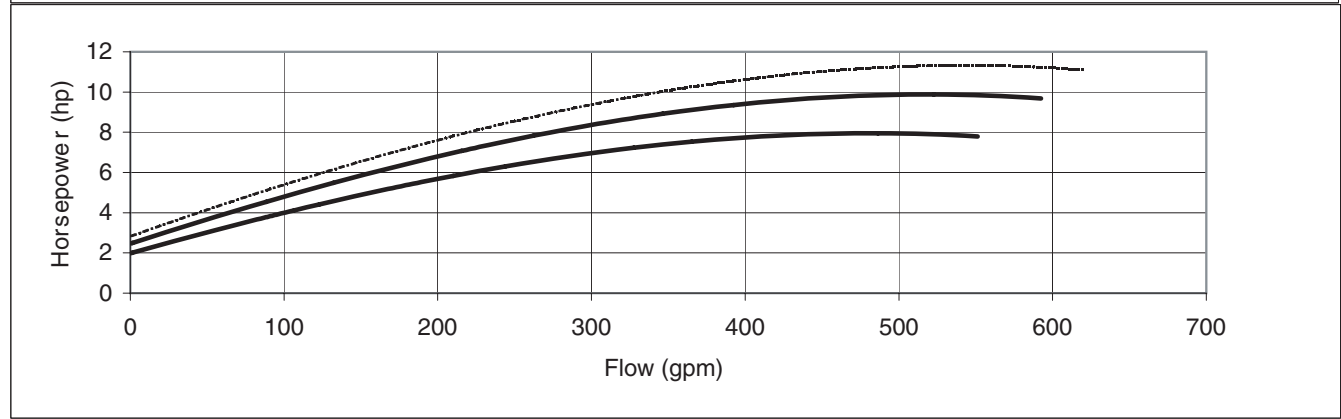
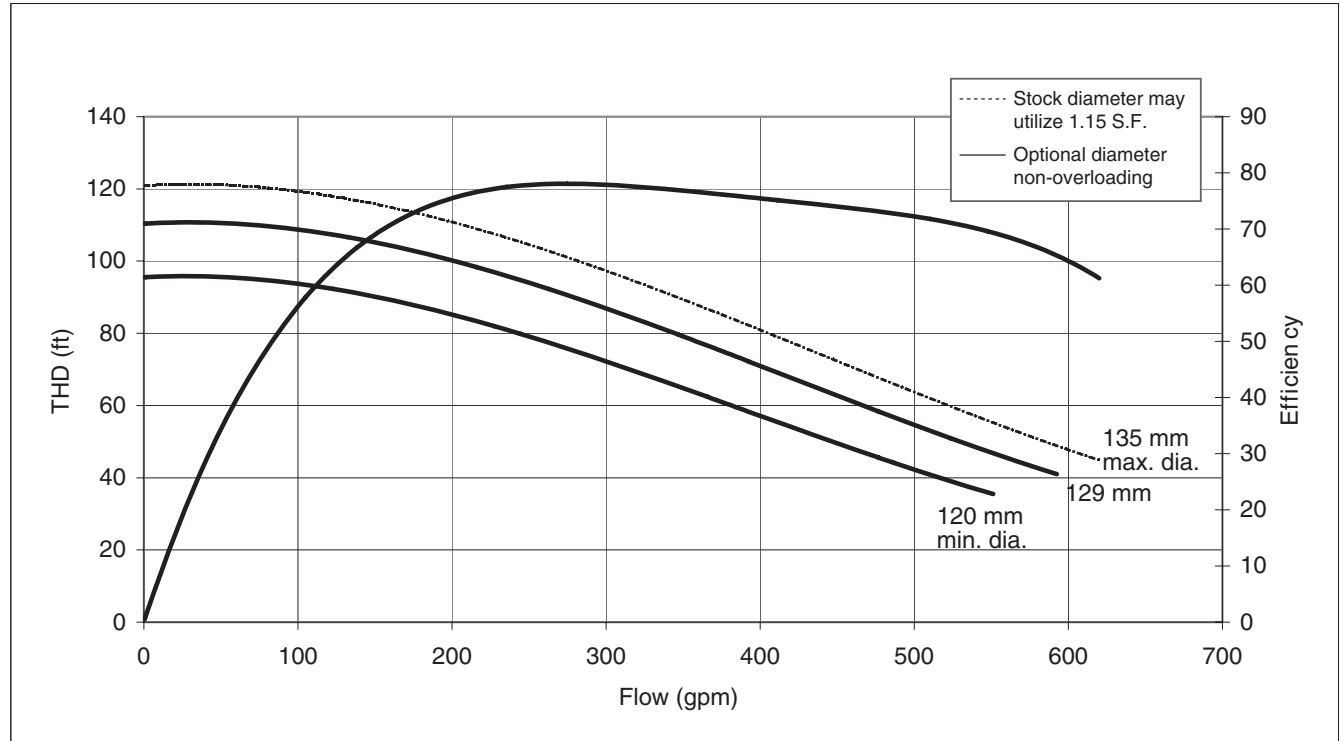
EBARA Stainless Steel Centrifugal Pumps

Performance curves

3UB 65-125-10HP

Synchronous Speed: 3450 RPM

Size: 2½ x 3 x 5⁵/₁₆ (135 mm)



Model 3UB

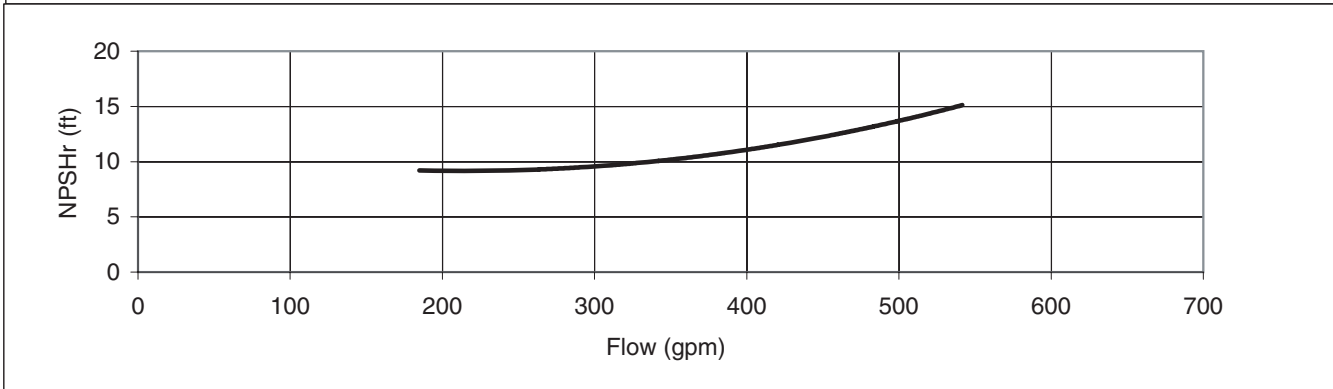
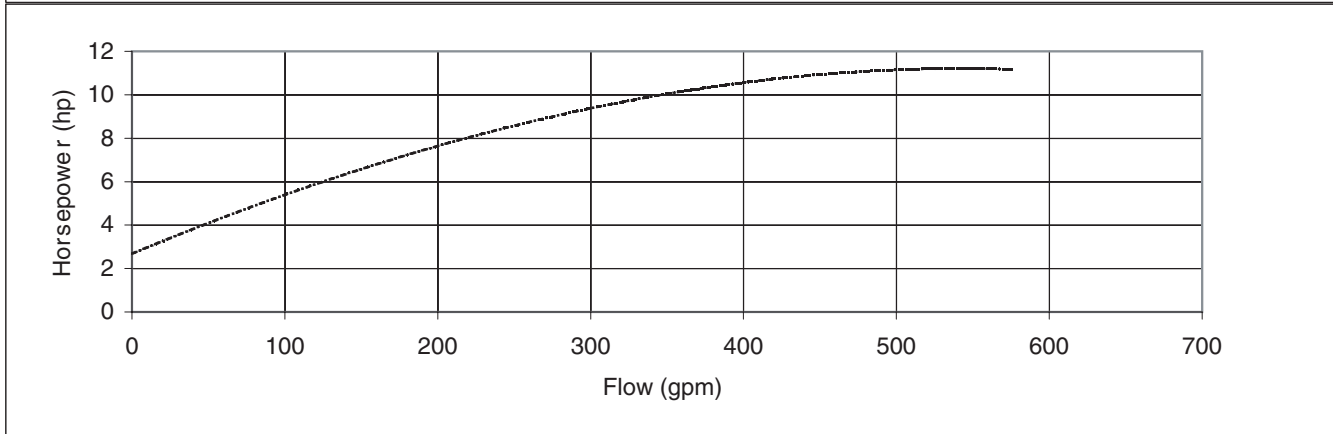
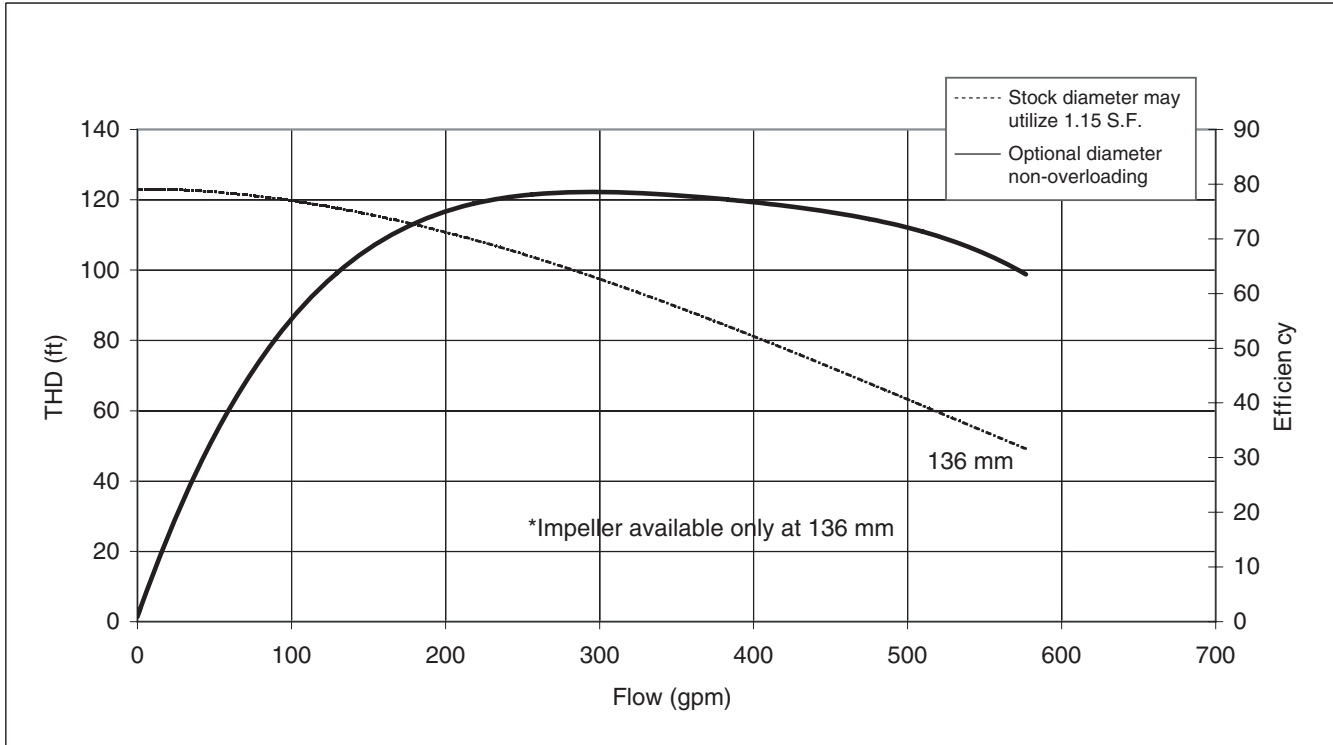
EBARA Stainless Steel Centrifugal Pumps

Performance curves

3UB 65-160-10HP

Synchronous Speed: 3450 RPM

Size: 2 1/2 x 3 x 5 3/8 (136mm)



Model 3UB

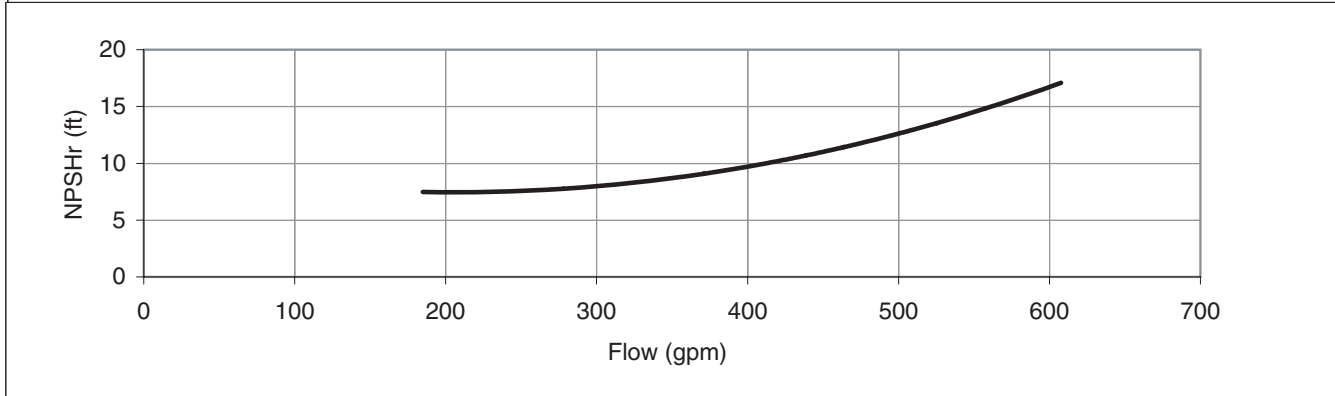
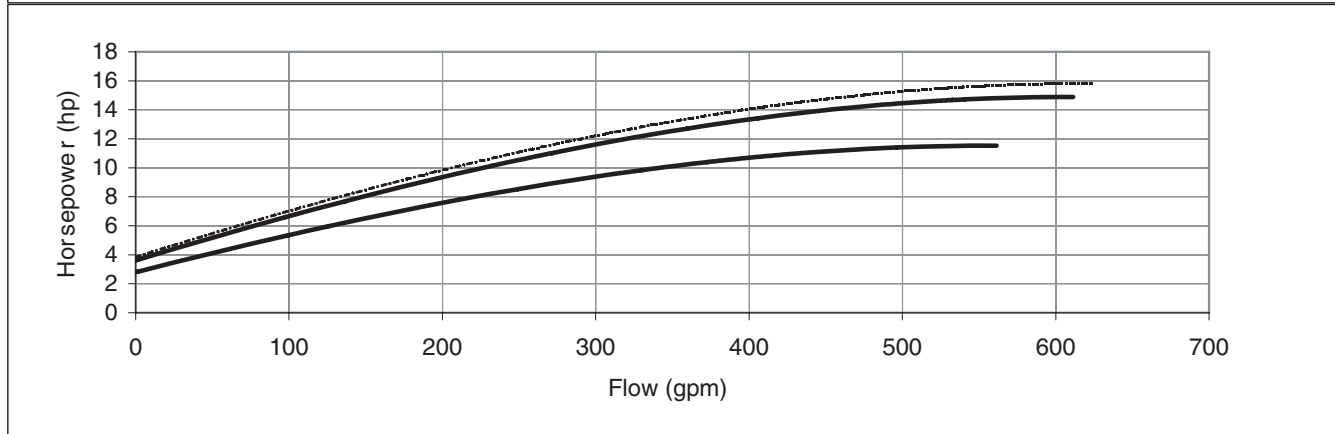
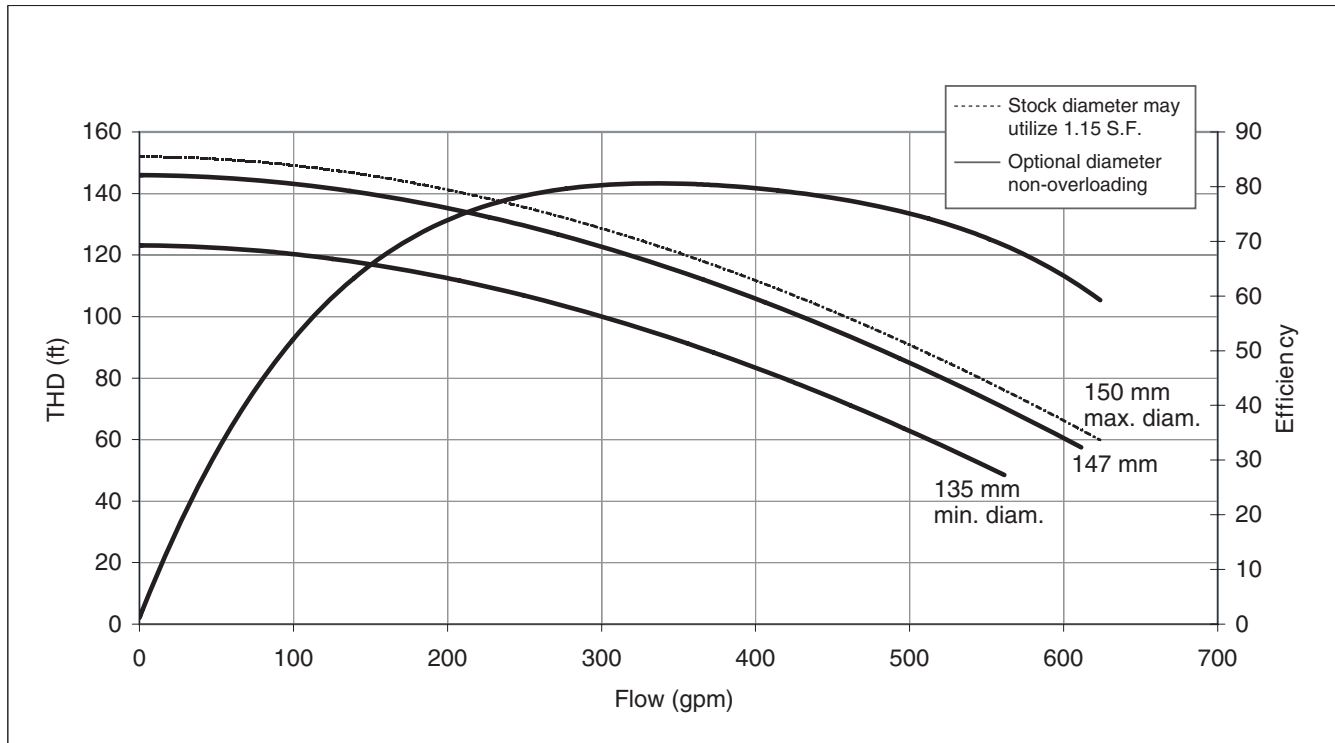
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3UB 65-160-15HP

Synchronous Speed: 3450 RPM

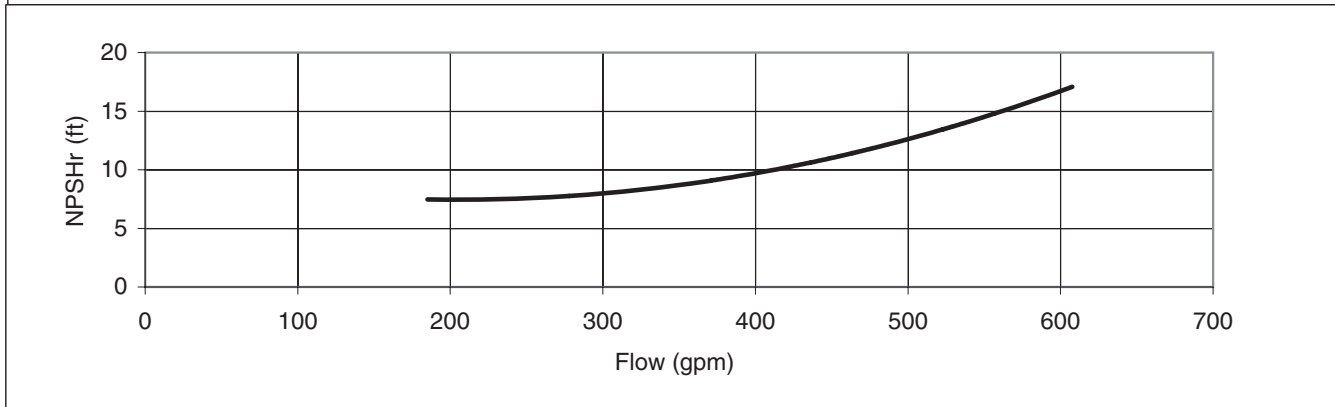
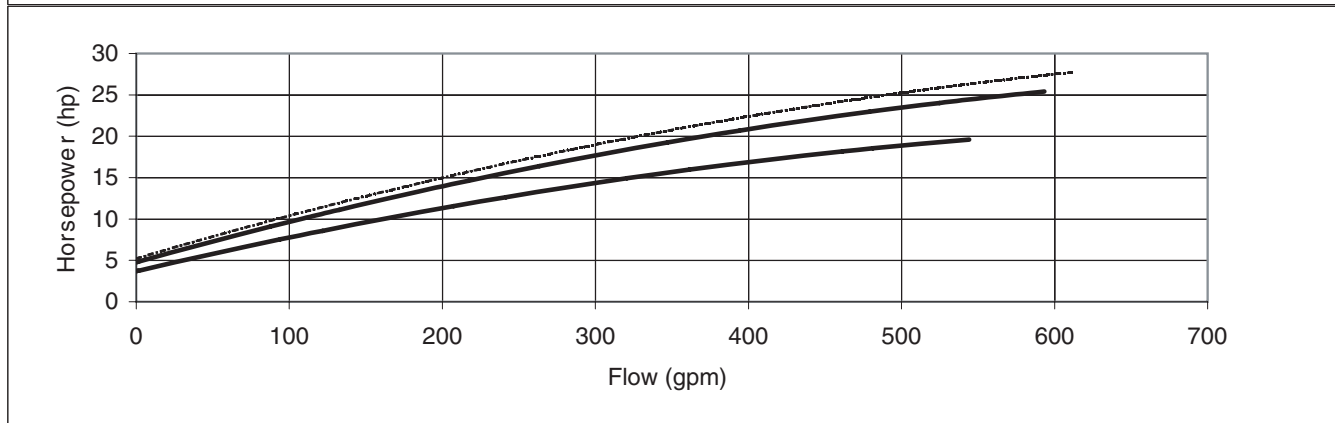
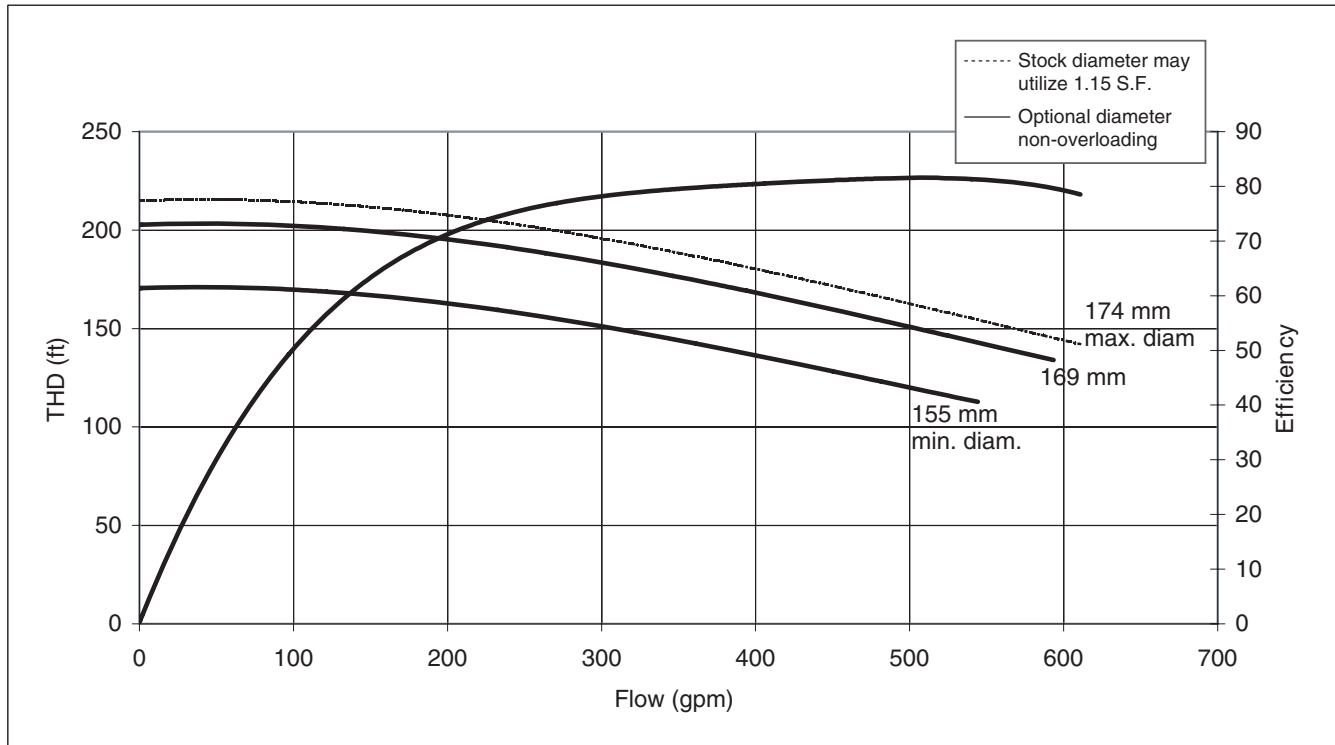
Size: 2 1/2 x 3 x 5 7/8 (150mm)



3UB 65-160-25HP

Synchronous Speed: 3450 RPM

Size: 2 1/2 x 3 x 6 7/8 (174mm)

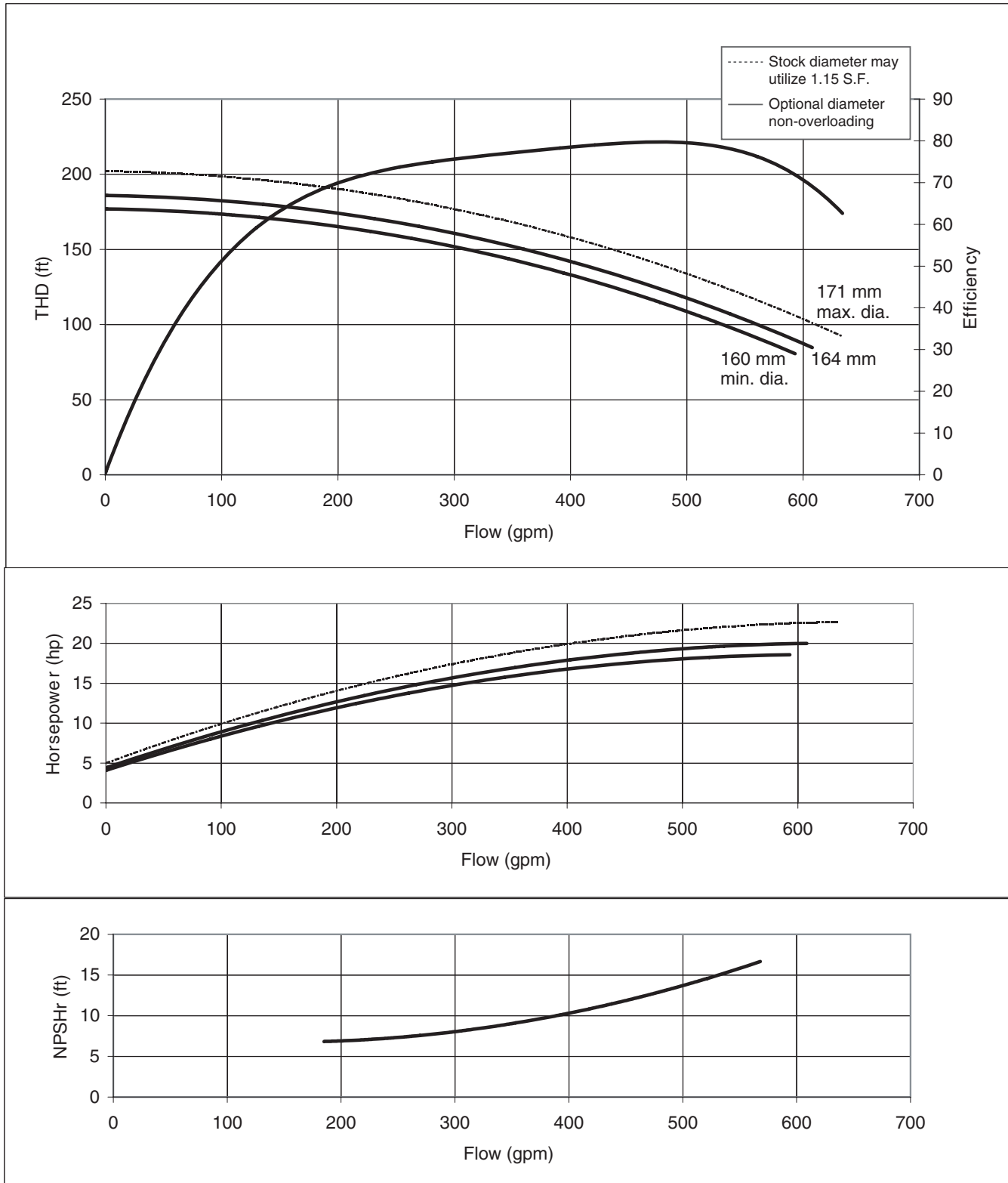


Performance Curves

3UB 65-200-20HP

Synchronous Speed: 3450 RPM

Size: 2 1/2 x 3 x 6 3/4 (171mm)

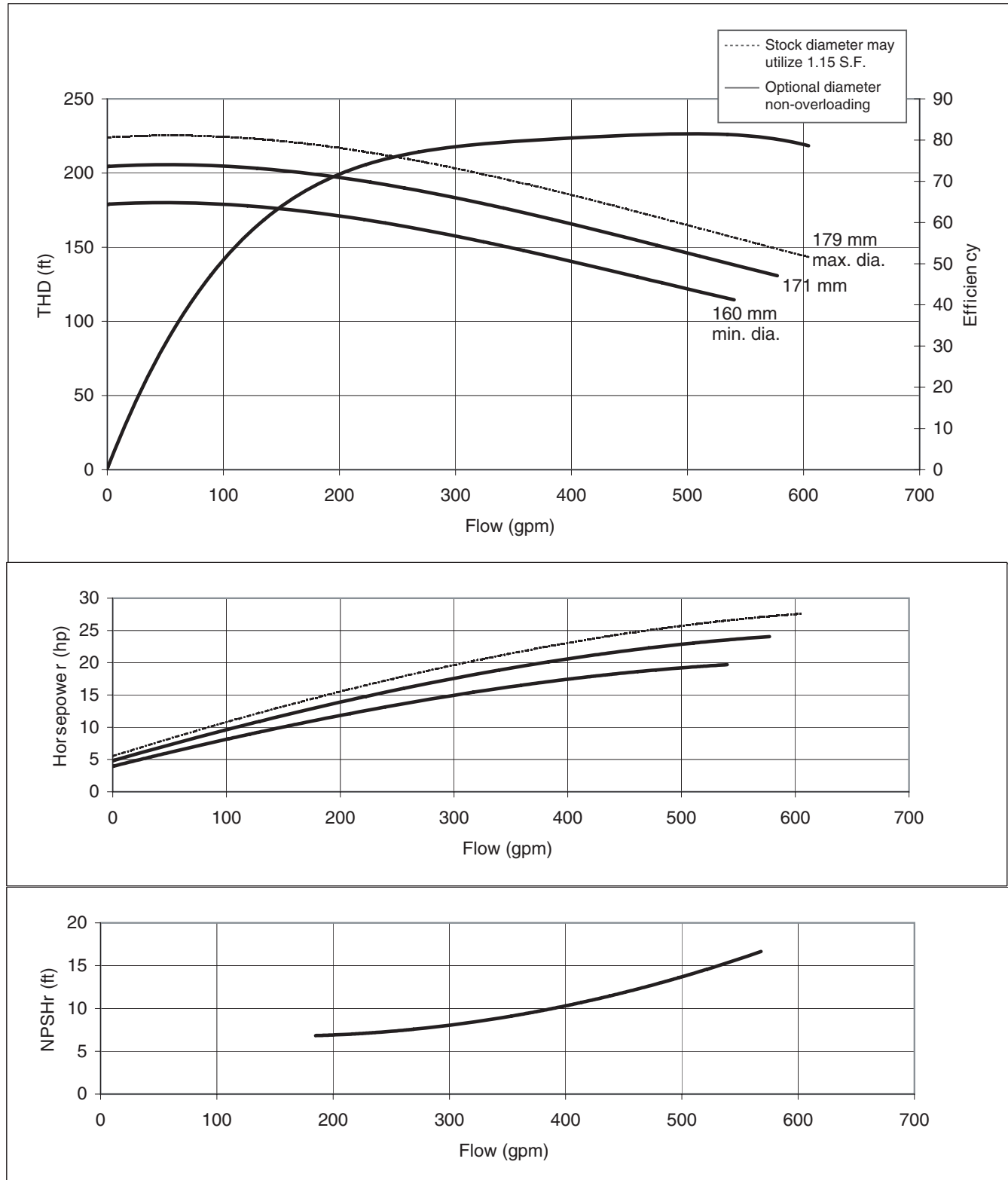


Performance Curves

3UB 65-200-25HP

Synchronous Speed: 3450 RPM

Size: 2½ x 3 x 7 (179mm)

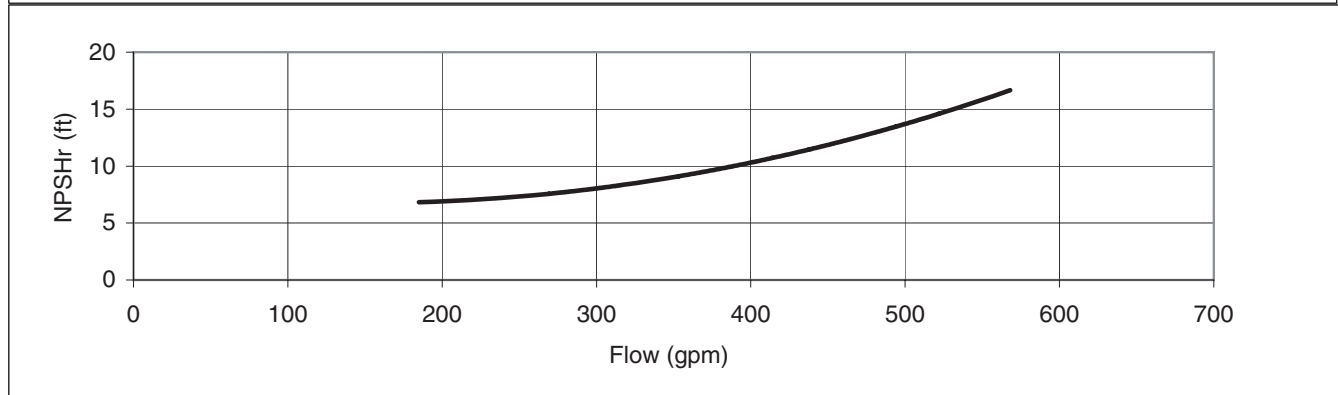
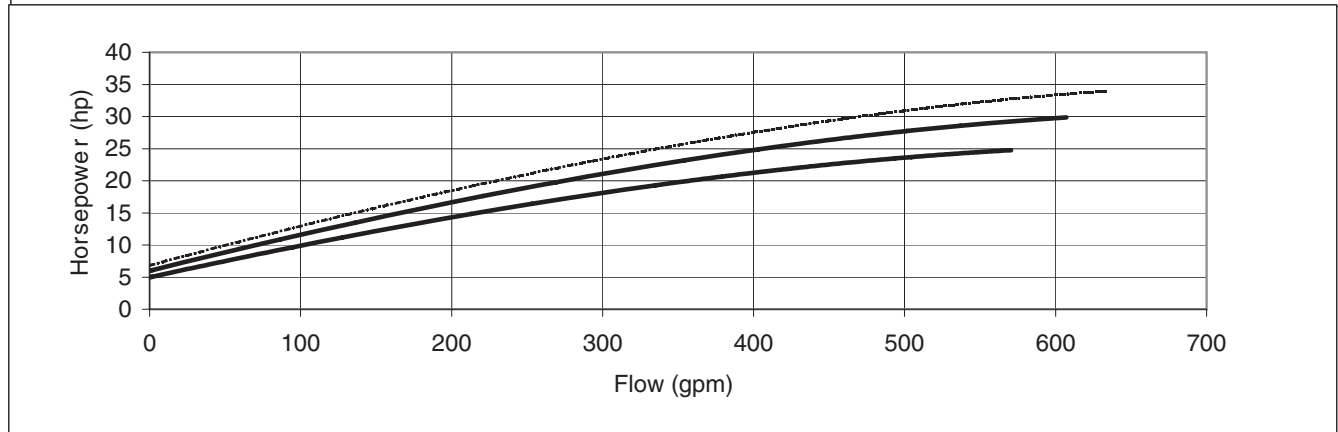
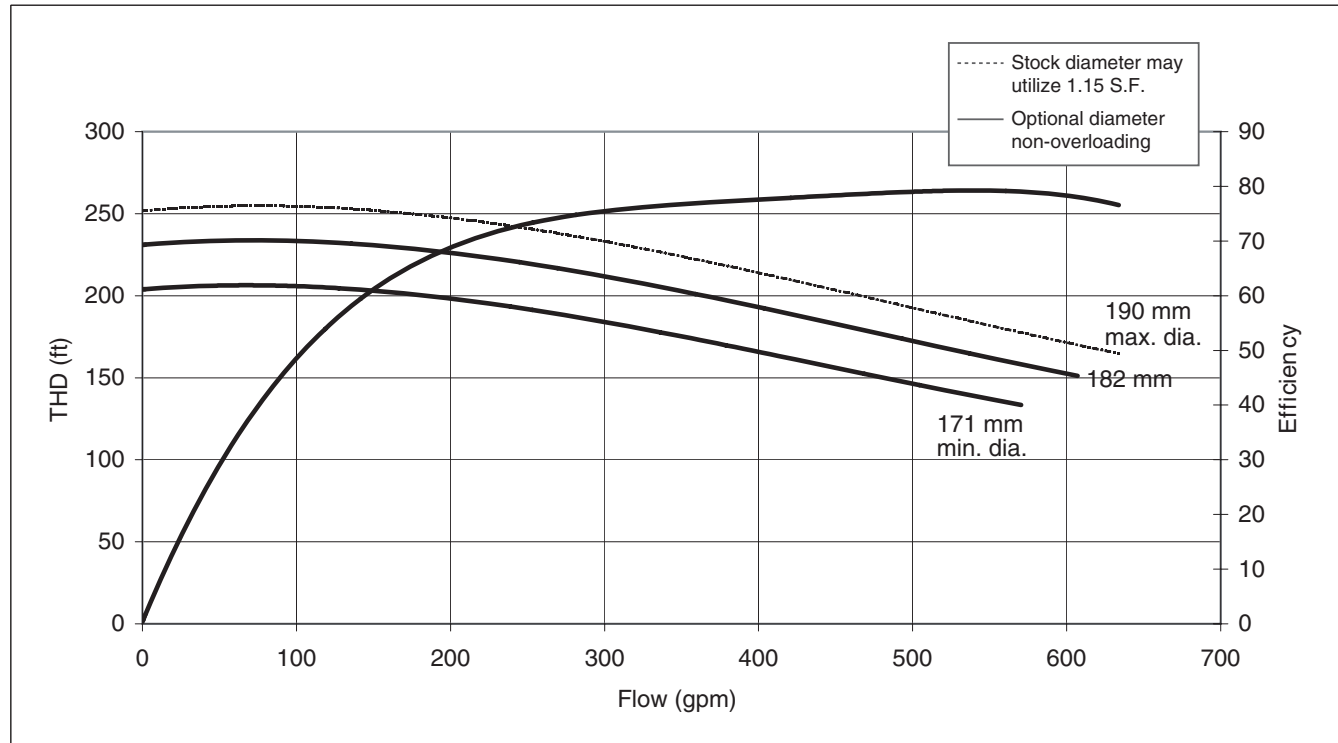


Performance Curves

3UB 65-200-30HP

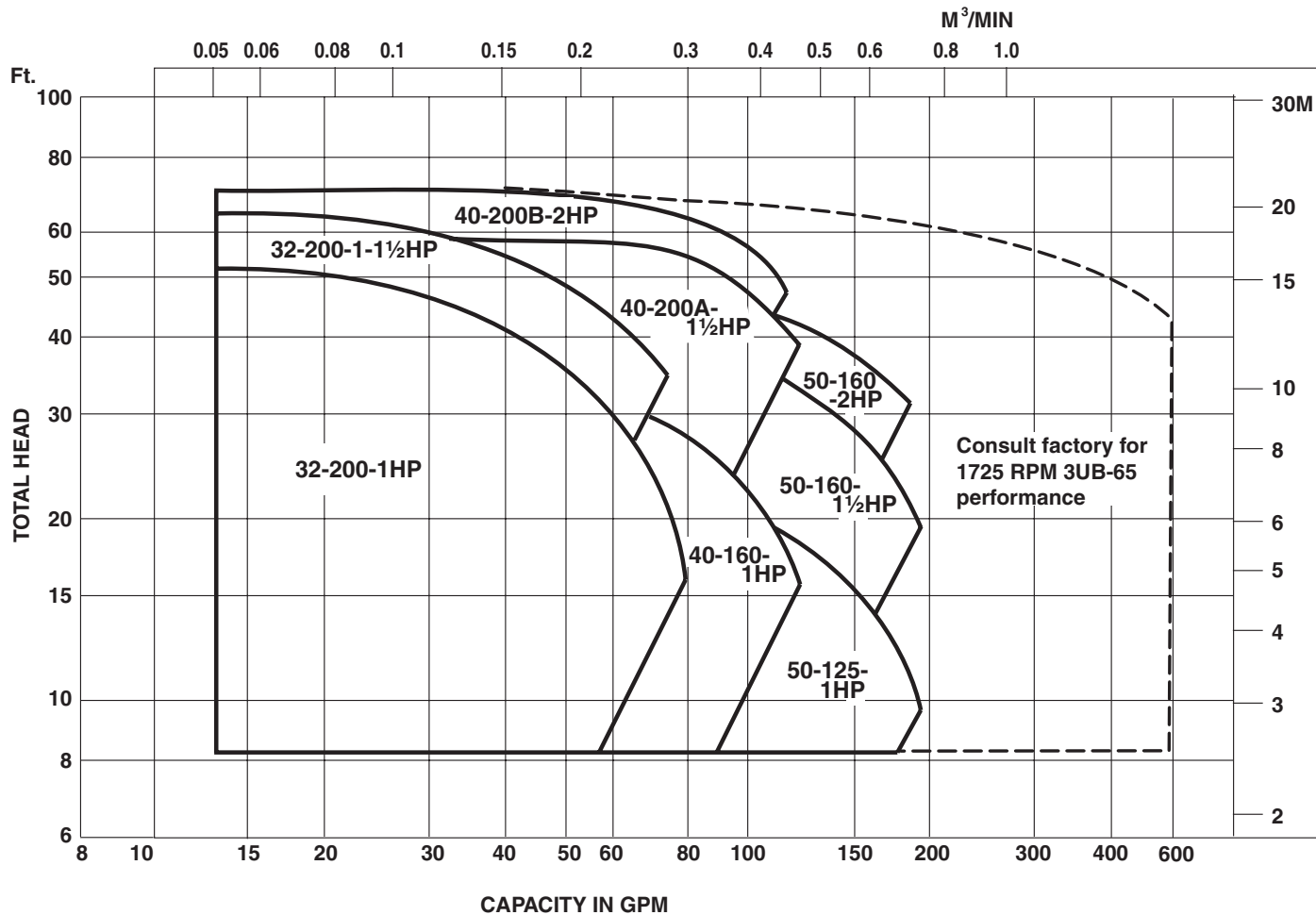
Synchronous Speed: 3450 RPM

Size: 2 1/2 x 3 x 7 1/2 (190mm)



Selection chart

Synchronous Speed 1725 RPM



Model 3U

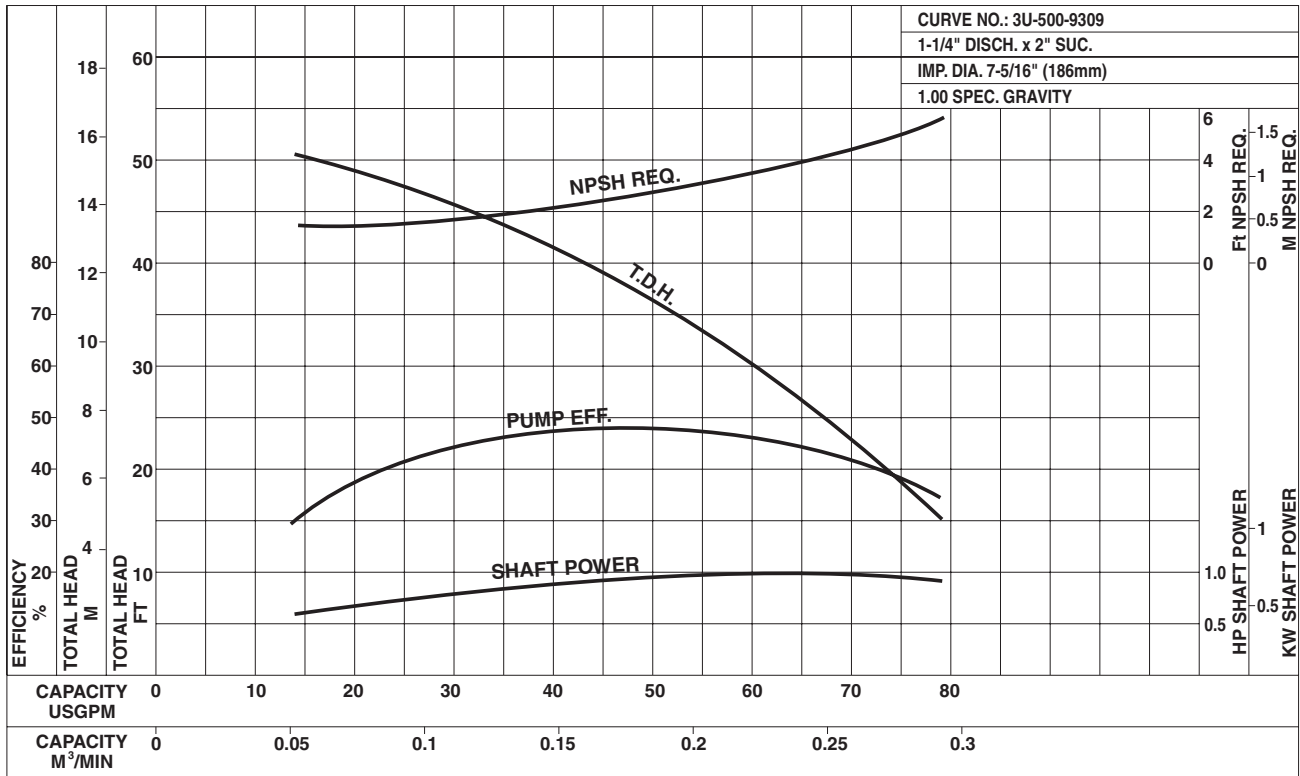
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U4 32-200-1HP

Synchronous Speed: 1725 RPM

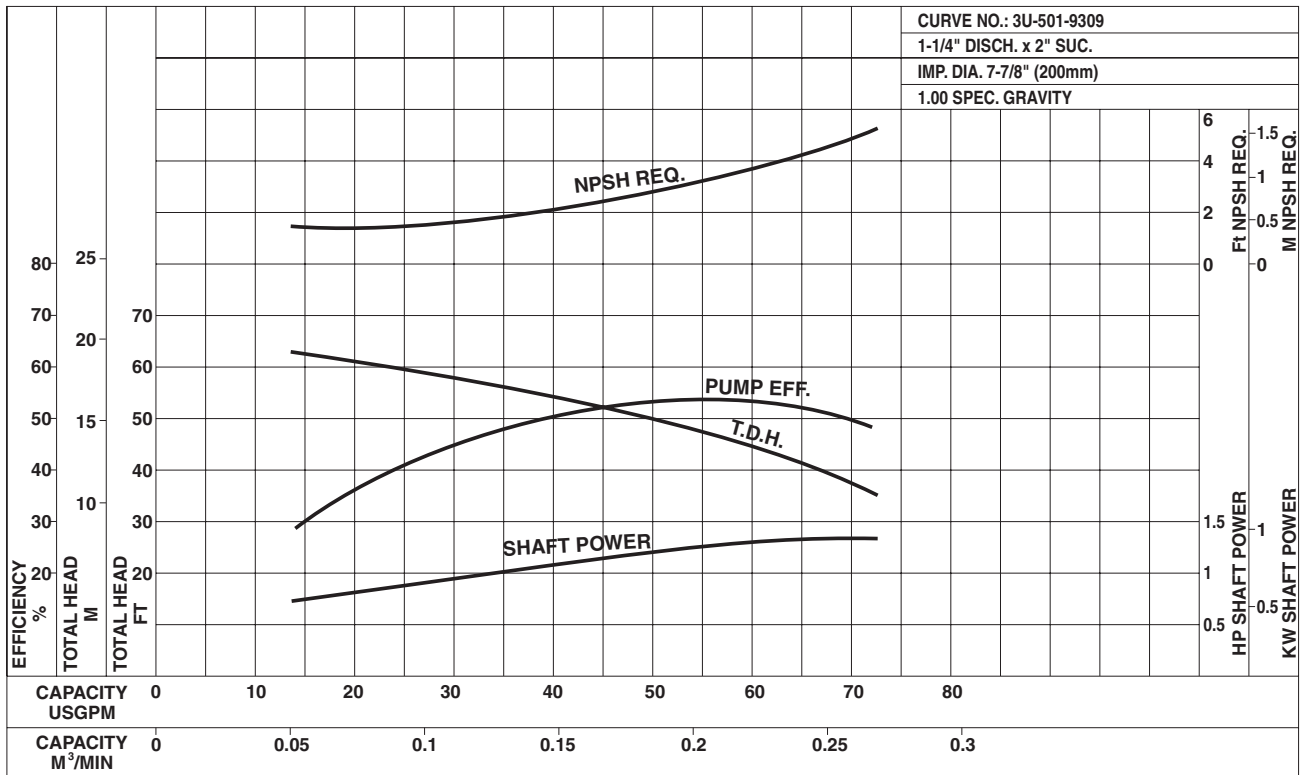
Size: 1 1/4 x 2 x 7 5/16



3U4 32-200-1-1 1/2HP

Synchronous Speed: 1725 RPM

Size: 1 1/4 x 2 x 7 7/8



Model 3U

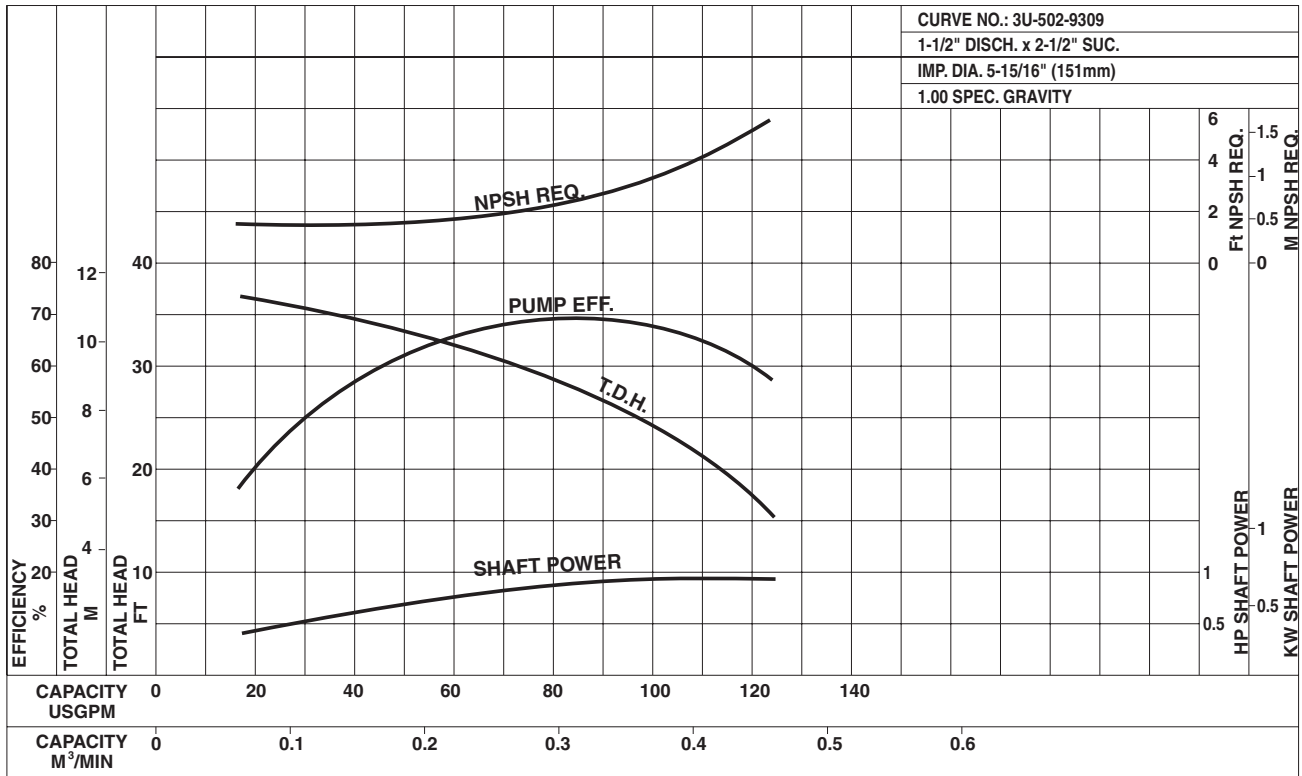
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U4 40-160-1HP

Synchronous Speed: 1725 RPM

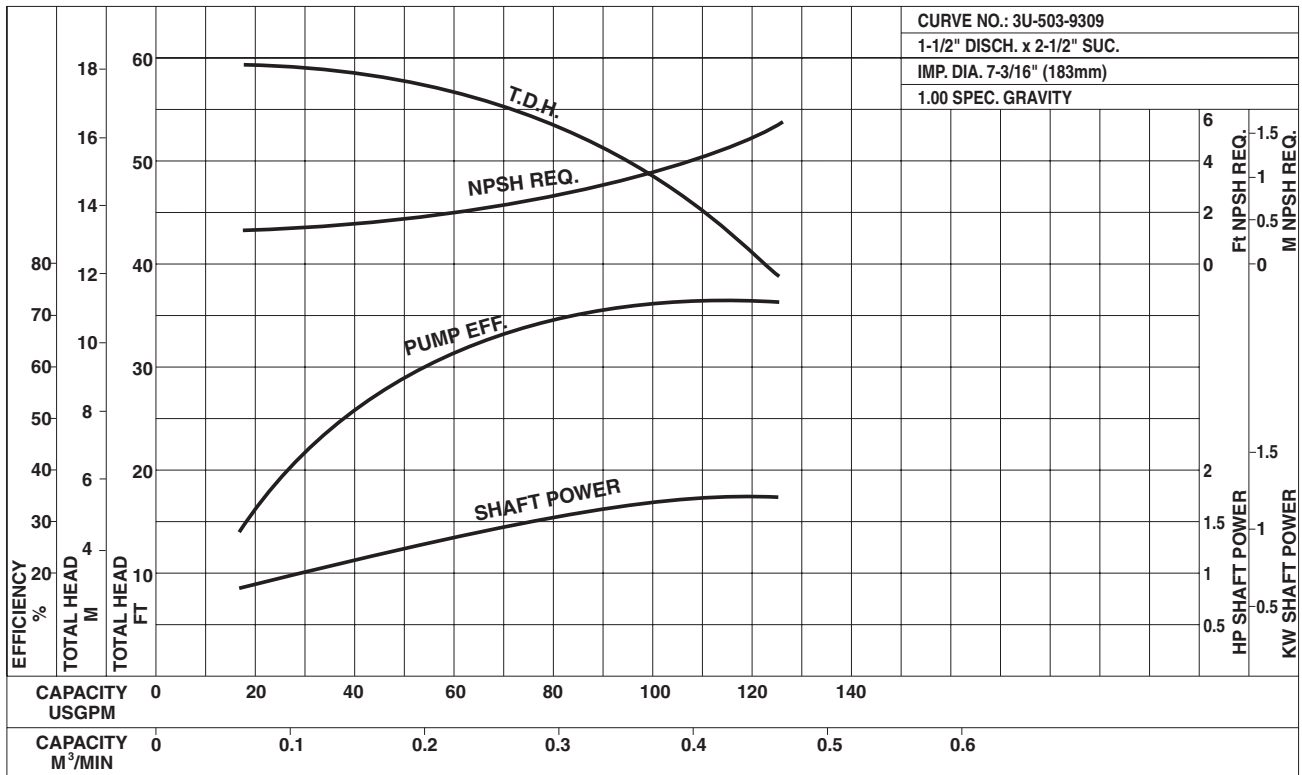
Size: 1 1/2 x 2 1/2 x 5 15/16



3U4 40-200A-1 1/2HP

Synchronous Speed: 1725 RPM

Size: 1 1/2 x 2 1/2 x 7 3/16



Model 3U

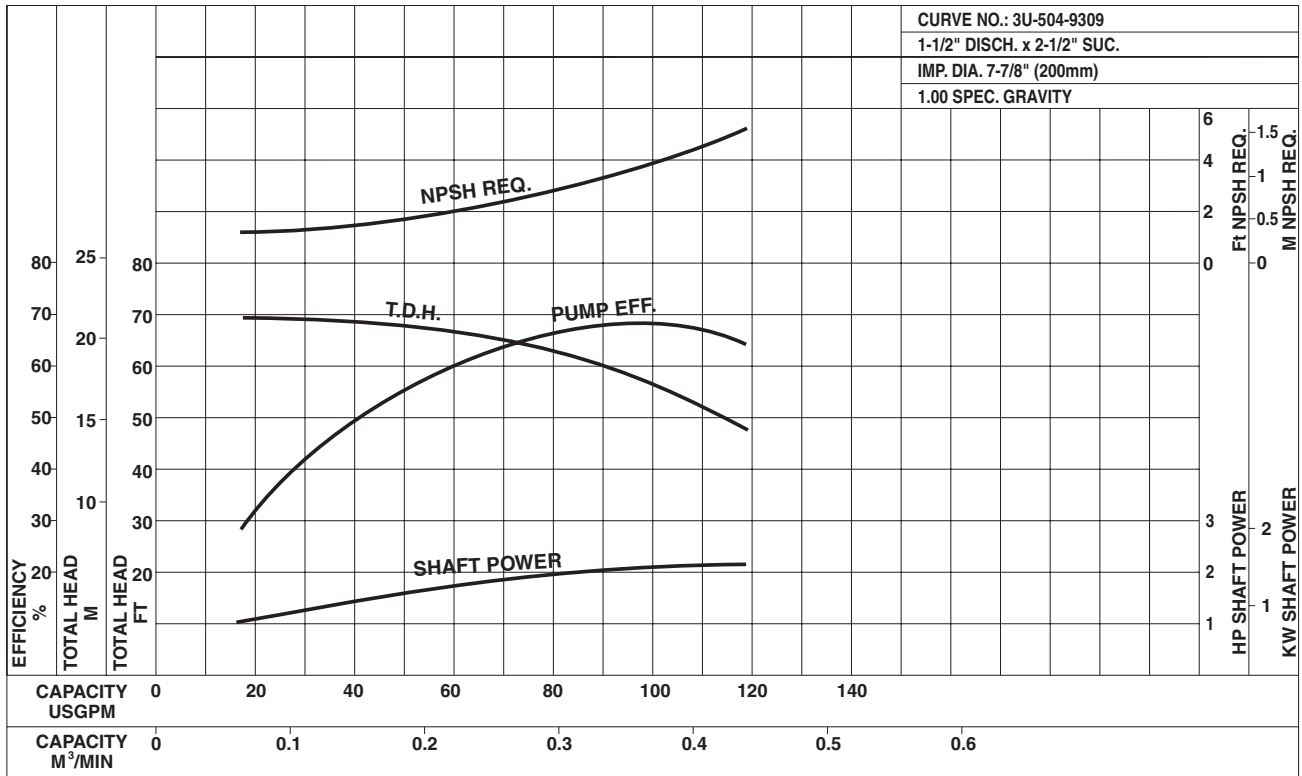
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U4 40-200B-2HP

Synchronous Speed: 1725 RPM

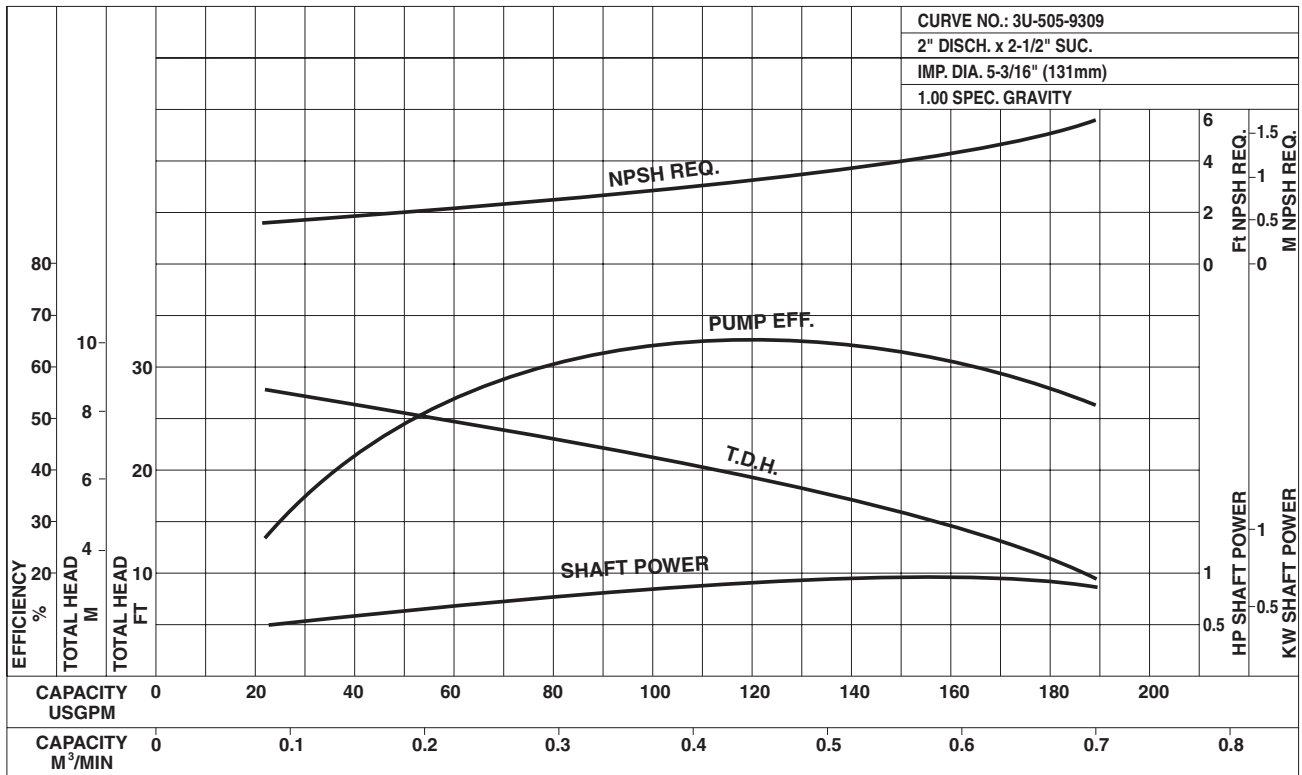
Size: 1 1/2 x 2 1/2 x 7/8



3U4 50-125-1HP

Synchronous Speed: 1725 RPM

Size: 2 x 2 1/2 x 5 3/16



Model 3U

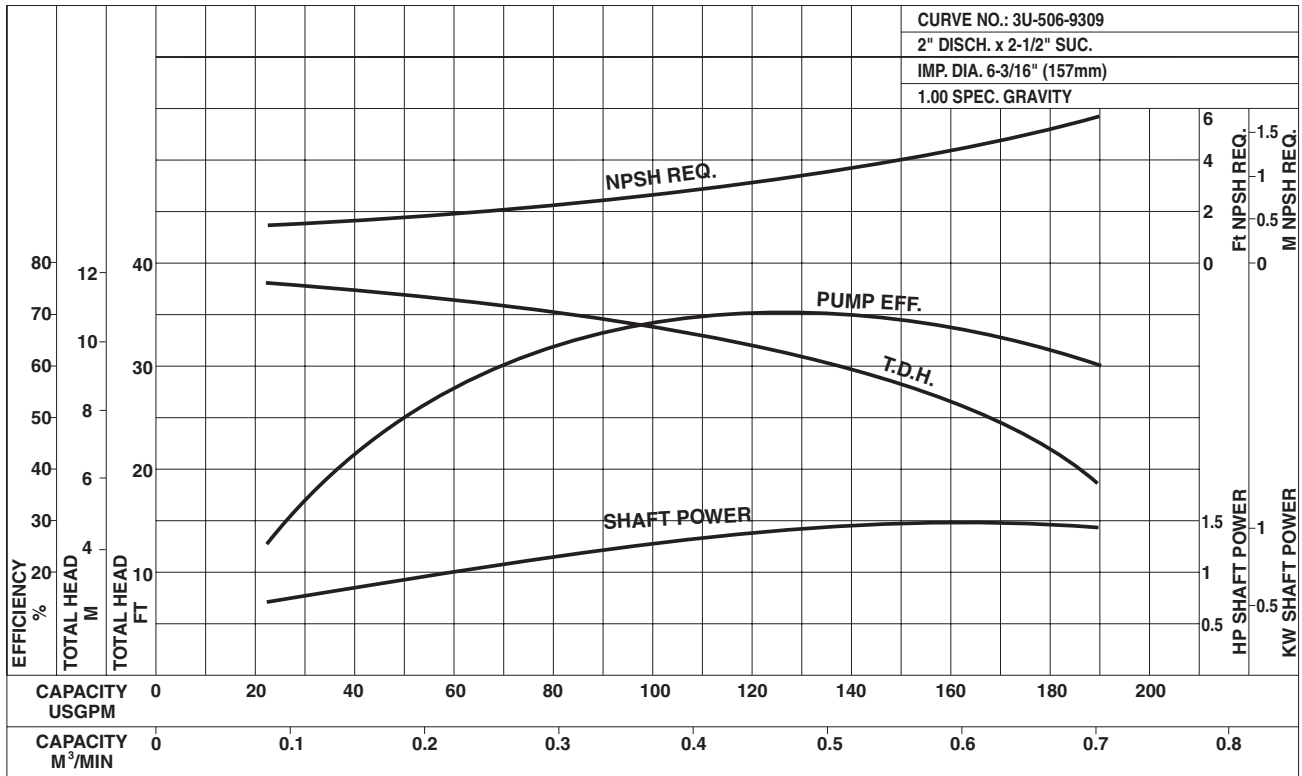
EBARA Stainless Steel Centrifugal Pumps

Performance Curves

3U4 50-160-1¹/₂HP

Synchronous Speed: 1725 RPM

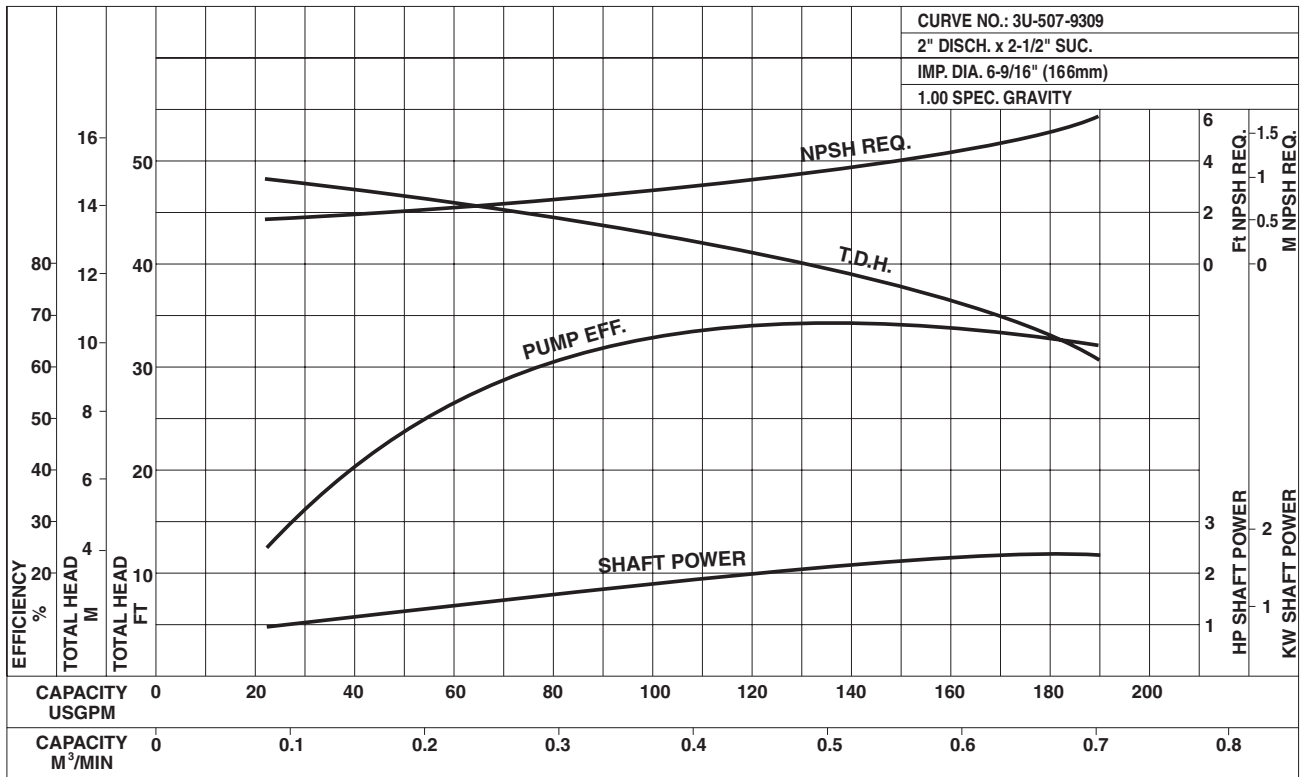
Size: 2 x 2¹/₂ x 6³/₁₆



3U4 50-160-1-2HP

Synchronous Speed: 1725 RPM

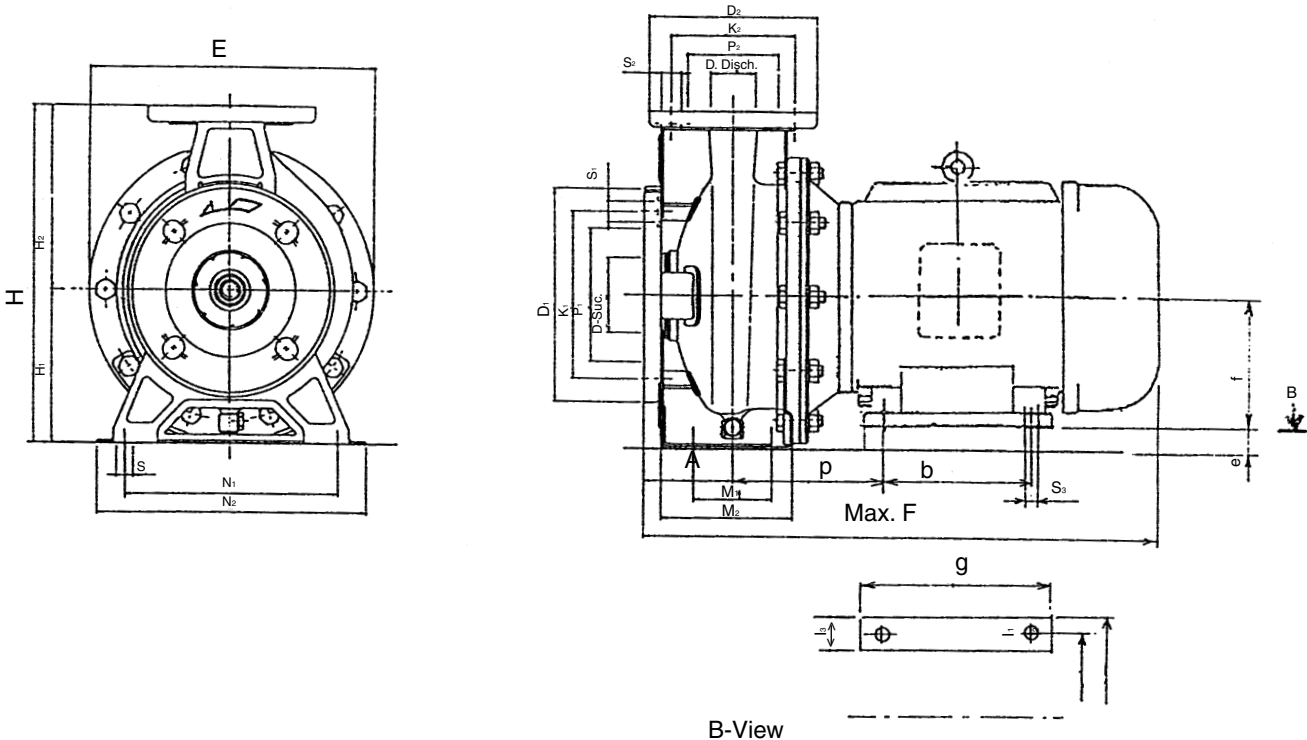
Size: 2 x 2¹/₂ x 6⁹/₁₆



Model 3U

EBARA Stainless Steel Centrifugal Pumps

Pump Dimensions



B-View

Unit: inch

| Model | Size | Flange | | | | | | | | | | Pump | | | | | | | | | |
|----------------|-------------------------|---------|----------------|----------------|----------------|----------------|-----------|----------------|----------------|----------------|----------------|---------|----------|---------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| | | Suction | | | | | Discharge | | | | | | | | | | | | | | |
| | | D Suc. | P ₁ | K ₁ | D ₁ | S ₁ | D Disch. | P ₂ | K ₂ | D ₂ | S ₂ | A | E | H | H ₁ | H ₂ | M ₁ | M ₂ | N ₁ | N ₂ | S |
| 32-125-3HP | 1 1/4 x 2 x 5 3/16 | 2 | 3 3/4 | 4 15/16 | 6 1/2 | 1 1/16 | 1 1/4 | 2 1/2 | 3 1/2 | 5 1/2 | 5/8 | 3 1/8 | 8 3/8 | 9 15/16 | 4 7/16 | 5 1/2 | 2 3/4 | 4 1/2 | 5 1/2 | 7 1/2 | 9/16 |
| 32-160A-5HP | 1 1/4 x 2 x 5 15/16 | 2 | 3 3/4 | 4 15/16 | 6 1/2 | 1 1/16 | 1 1/4 | 2 1/2 | 3 1/2 | 5 1/2 | 5/8 | 3 1/8 | 10 | 11 1/2 | 5 3/16 | 6 5/16 | 2 3/4 | 4 5/8 | 7 1/2 | 9 7/16 | 9/16 |
| 32-160B-5HP | 1 1/4 x 2 x 6 9/16 | 2 | 3 3/4 | 4 15/16 | 6 1/2 | 1 1/16 | 1 1/4 | 2 1/2 | 3 1/2 | 5 1/2 | 5/8 | 3 1/8 | 10 | 11 1/2 | 5 3/16 | 6 5/16 | 2 3/4 | 4 5/8 | 7 1/2 | 9 7/16 | 9/16 |
| 32-200-7 1/2HP | 1 1/4 x 2 x 7 5/16 | 2 | 3 3/4 | 4 15/16 | 6 1/2 | 1 1/16 | 1 1/4 | 2 1/2 | 3 1/2 | 5 1/2 | 5/8 | 3 1/8 | 11 9/16 | 13 3/8 | 6 5/16 | 7 1/16 | 2 3/4 | 4 11/16 | 7 1/2 | 9 7/16 | 9/16 |
| 32-200-10HP | 1 1/4 x 2 x 7 7/8 | 2 | 3 3/4 | 4 15/16 | 6 1/2 | 1 1/16 | 1 1/4 | 2 1/2 | 3 1/2 | 5 1/2 | 5/8 | 3 1/8 | 11 9/16 | 13 3/8 | 6 5/16 | 7 1/16 | 2 3/4 | 4 11/16 | 7 1/2 | 9 7/16 | 9/16 |
| 40-125A-5HP | 1 1/2 x 2 1/2 x 4 15/16 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 1 1/2 | 2 7/8 | 3 7/8 | 5 7/8 | 5/8 | 3 1/8 | 8 3/8 | 9 15/16 | 4 7/16 | 5 1/2 | 2 3/4 | 4 1/2 | 6 5/16 | 8 1/4 | 9/16 |
| 40-125B-5HP | 1 1/2 x 2 1/2 x 5 1/2 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 1 1/2 | 2 7/8 | 3 7/8 | 5 7/8 | 5/8 | 3 1/8 | 8 3/8 | 9 15/16 | 4 7/16 | 5 1/2 | 2 3/4 | 4 1/2 | 6 5/16 | 8 1/4 | 9/16 |
| 40-160-7 1/2HP | 1 1/2 x 2 1/2 x 5 15/16 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 1 1/2 | 2 7/8 | 3 7/8 | 5 7/8 | 5/8 | 3 1/8 | 10 | 11 1/2 | 5 3/16 | 6 5/16 | 2 3/4 | 4 5/8 | 7 1/2 | 9 7/16 | 9/16 |
| 40-160-1-10HP | 1 1/2 x 2 1/2 x 6 9/16 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 1 1/2 | 2 7/8 | 3 7/8 | 5 7/8 | 5/8 | 3 1/8 | 10 | 11 1/2 | 5 3/16 | 6 5/16 | 2 3/4 | 4 5/8 | 7 1/2 | 9 7/16 | 9/16 |
| 40-200A-15HP | 1 1/2 x 2 1/2 x 7 3/16 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 1 1/2 | 2 7/8 | 3 7/8 | 5 7/8 | 5/8 | 3 15/16 | 11 9/16 | 13 3/8 | 6 5/16 | 7 1/16 | 2 3/4 | 4 1/2 | 8 3/8 | 10 1/16 | 9/16 |
| 40-200B-15HP | 1 1/2 x 2 1/2 x 7 7/8 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 1 1/2 | 2 7/8 | 3 7/8 | 5 7/8 | 5/8 | 3 15/16 | 11 9/16 | 13 3/8 | 6 5/16 | 7 1/16 | 2 3/4 | 4 1/2 | 8 3/8 | 10 1/16 | 9/16 |
| 50-125-7 1/2HP | 2 x 2 1/2 x 5 3/16 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 2 | 3 3/4 | 4 15/16 | 6 1/2 | 11/16 | 3 15/16 | 10 | 11 1/2 | 5 3/16 | 6 5/16 | 2 3/4 | 4 1/2 | 7 1/2 | 9 7/16 | 9/16 |
| 50-125-10HP | 2 x 2 1/2 x 5 1/2 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 2 | 3 3/4 | 4 15/16 | 6 1/2 | 11/16 | 3 15/16 | 10 | 11 1/2 | 5 3/16 | 6 5/16 | 2 3/4 | 4 1/2 | 7 1/2 | 9 7/16 | 9/16 |
| 50-160-10HP | 2 x 2 1/2 x 6 3/16 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 2 | 3 3/4 | 4 15/16 | 6 1/2 | 11/16 | 3 15/16 | 11 11/16 | 13 3/8 | 6 5/16 | 7 1/16 | 2 3/4 | 4 1/2 | 8 3/8 | 10 1/16 | 9/16 |
| 50-160-1-15HP | 2 x 2 1/2 x 6 9/16 | 2 1/2 | 4 9/16 | 5 11/16 | 7 5/16 | 1 1/16 | 2 | 3 3/4 | 4 15/16 | 6 1/2 | 11/16 | 3 15/16 | 11 11/16 | 13 3/8 | 6 5/16 | 7 1/16 | 2 3/4 | 4 1/2 | 8 3/8 | 10 1/16 | 9/16 |



Pump Dimensions

Unit: inch

| Model | JM Frame | Motor | | | | | | | | | |
|-----------------------|----------|-------|---------|-------|---------|----------------|----------------|----------------|--------|----------------|----------|
| | | b | e | f | g | l ₁ | l ₂ | l ₃ | P | S ₃ | F |
| 32-125 | 145JM | 5 | 15/16 | 3 1/2 | 5 15/16 | 5 1/2 | 6 1/2 | 1 | 6 9/16 | 11/32 | 18 15/16 |
| | 182JM | 4 1/2 | -1/16 | 4 1/2 | 6 1/2 | 7 1/2 | 8 1/2 | 1 | 7 3/16 | 13/32 | 19 3/16 |
| 32-160 ^{A/B} | 182JM | 4 1/2 | 11/16 | 4 1/2 | 6 1/2 | 7 1/2 | 8 1/2 | 1 | 7 3/16 | 13/32 | 19 3/16 |
| | 184JM | 5 1/2 | 11/16 | 4 1/2 | 6 1/2 | 7 1/2 | 8 1/2 | 1 | 7 3/16 | 13/32 | 20 5/8 |
| 32-200 | 184JM | 5 1/2 | 1 13/16 | 4 1/2 | 6 1/2 | 7 1/2 | 8 1/2 | 1 | 7 3/16 | 13/32 | 22 1/8 |
| | 213JM | 5 1/2 | 1 1/16 | 5 1/4 | 8 | 8 1/2 | 9 1/2 | 1 | 8 3/16 | 13/32 | 20 3/4 |
| | 215JM | 7 | 1 1/16 | 5 1/4 | 8 | 8 1/2 | 9 1/2 | 1 | 8 3/16 | 13/32 | 21 7/8 |
| 40-125 ^{A/B} | 182JM | 4 1/2 | -1/16 | 4 1/2 | 6 1/2 | 7 1/2 | 8 1/2 | 1 | 7 3/16 | 13/32 | 19 3/16 |
| | 184JM | 5 1/2 | -1/16 | 4 1/2 | 6 1/2 | 7 1/2 | 8 1/2 | 1 | 7 3/16 | 13/32 | 20 3/4 |
| 40-160 | 184JM | 5 1/2 | 11/16 | 4 1/2 | 6 1/2 | 7 1/2 | 8 1/2 | 1 | 7 3/16 | 13/32 | 22 1/8 |
| | 213JM | 5 1/2 | -1/16 | 5 1/4 | 8 | 8 1/2 | 9 1/2 | 1 | 8 3/16 | 13/32 | 20 3/4 |
| | 215JM | 7 | -1/16 | 5 1/4 | 8 | 8 1/2 | 9 1/2 | 1 | 8 3/16 | 13/32 | 21 7/8 |
| 40-200 | 215JM | 7 | 1 1/16 | 5 1/4 | 8 | 8 1/2 | 9 1/2 | 1 | 8 3/16 | 13/32 | 22 11/16 |
| 50-125 | 184JM | 5 1/2 | 11/16 | 4 1/2 | 6 1/2 | 7 1/2 | 8 1/2 | 1 | 7 3/16 | 13/32 | 22 15/16 |
| | 213JM | 5 1/2 | -1/16 | 5 1/4 | 8 | 8 1/2 | 9 1/2 | 1 | 8 3/16 | 13/32 | 21 9/16 |
| | 215JM | 7 | -1/16 | 5 1/4 | 8 | 8 1/2 | 9 1/2 | 1 | 8 3/16 | 13/32 | 22 11/16 |
| 50-160 | 213JM | 5 1/2 | 1 1/16 | 5 1/4 | 8 | 8 1/2 | 9 1/2 | 1 | 8 3/16 | 13/32 | 21 9/16 |
| | 215JM | 7 | 1 1/16 | 5 1/4 | 8 | 8 1/2 | 9 1/2 | 1 | 8 3/16 | 13/32 | 22 11/16 |

Remarks:

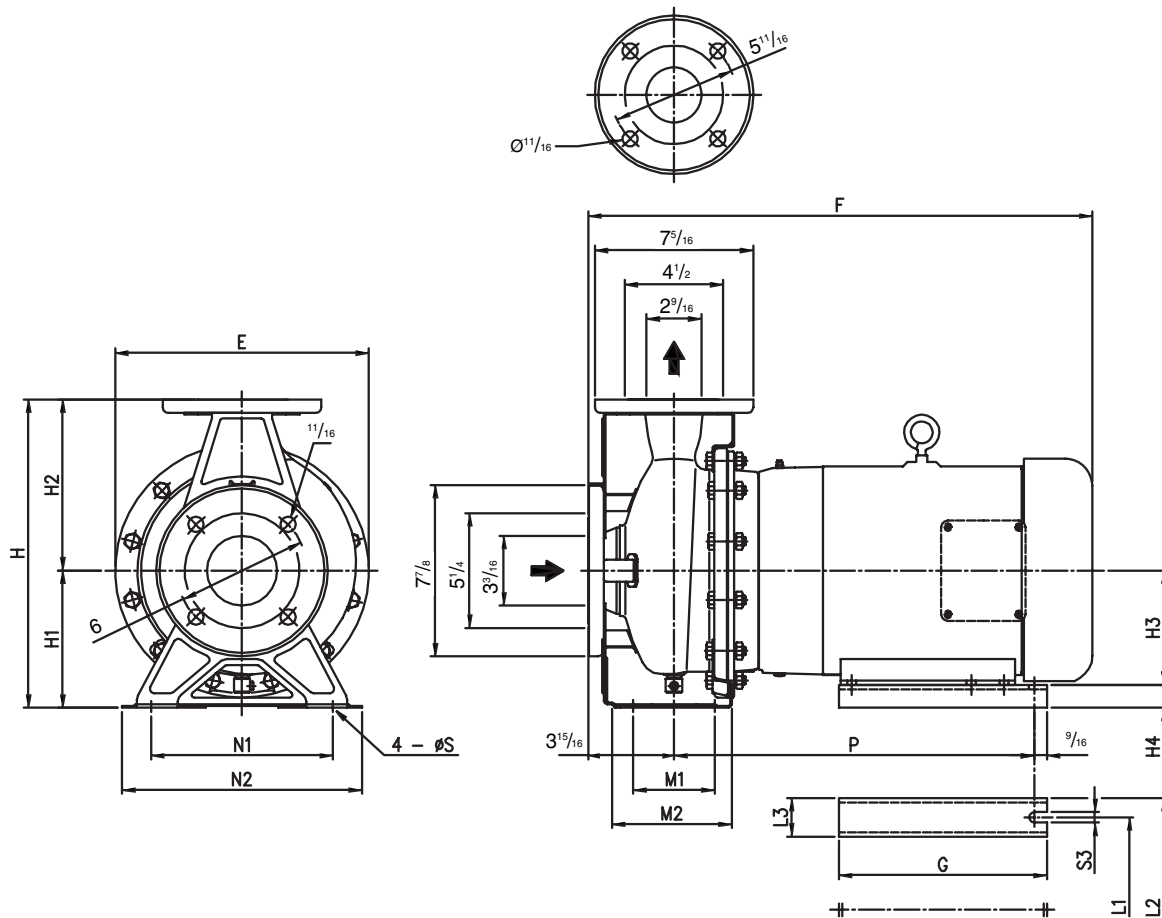
1. "e" dimensions (-) means H₁<f.
In this case, need distance piece under the pump.
2. "F" dimension indicate maximum dimension.

Model 3UB

EBARA Stainless Steel Centrifugal Pumps

Dimensions

3UB Type 1



Dimensions: inch

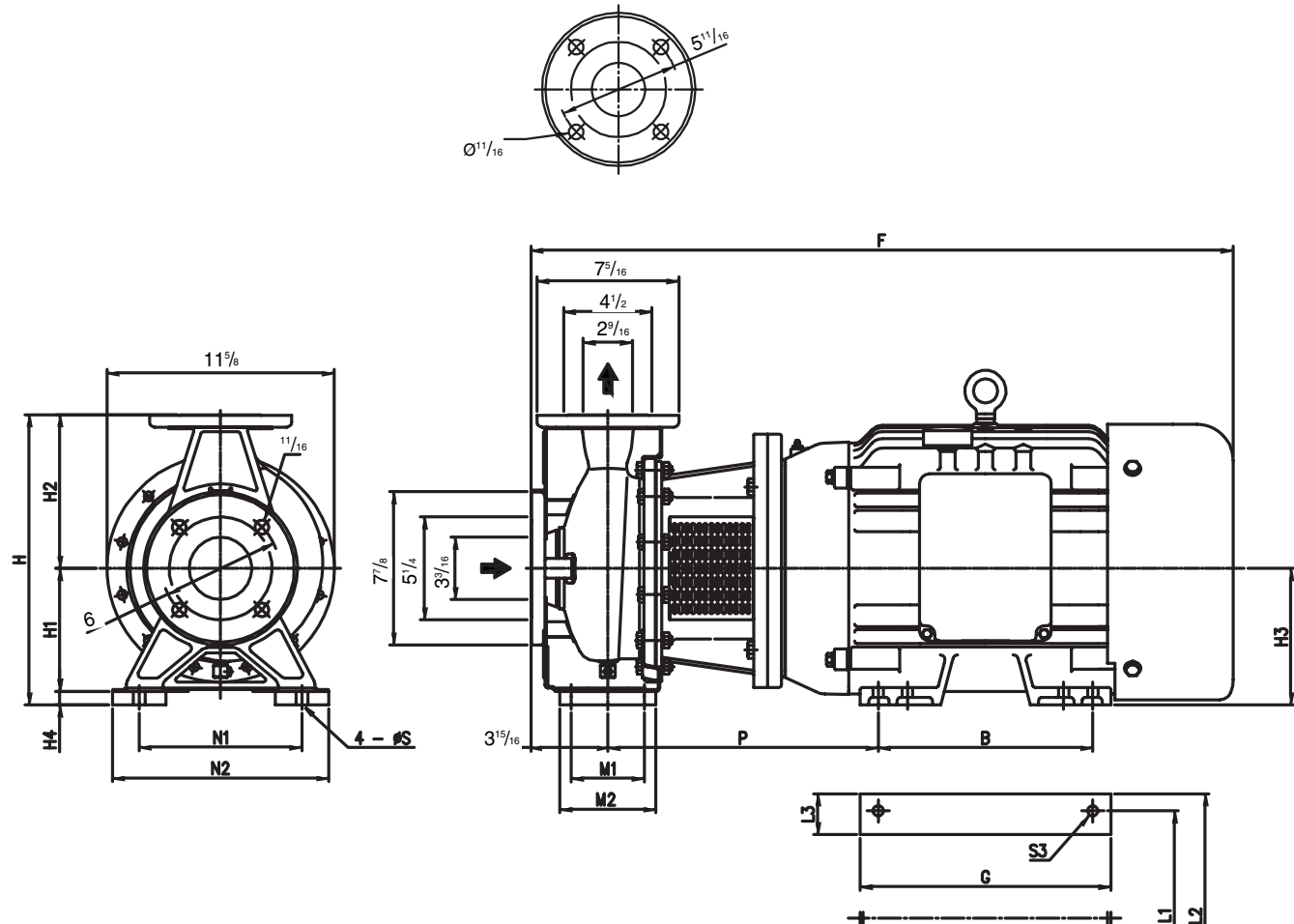
| MODEL | SIZE | TYPE | E | F | G | H | H ₁ | H ₂ | H ₃ | H ₄ | L ₁ | L ₂ | L ₃ | M ₁ | M ₂ | N ₁ | N ₂ | P | S | S ₃ |
|---------------|--|------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------|---------------------------------|--------------------------------|-------------------------------|
| 3U 65-125/7.5 | 2 ¹ / ₂ x 3 x 4 ⁷ / ₈ | 1 | 10 | 23 ³ / ₁₆ | 9 ⁹ / ₁₆ | 13 ³ / ₈ | 6 ⁵ / ₁₆ | 7 ¹ / ₁₆ | 5 ¹ / ₄ | 1 ¹ / ₁₆ | 8 ¹ / ₂ | 10 ¹ / ₄ | 1 ³ / ₄ | 3 ³ / ₄ | 5 ¹ / ₂ | 8 ³ / ₈ | 11 | 16 ⁹ / ₁₆ | 9 ⁹ / ₁₆ | 1 ¹ / ₂ |
| 3U 65-125/10 | 2 ¹ / ₂ x 3 x 5 ⁵ / ₁₆ | 1 | 10 | 23 ³ / ₁₆ | 9 ⁹ / ₁₆ | 13 ³ / ₈ | 6 ⁵ / ₁₆ | 7 ¹ / ₁₆ | 5 ¹ / ₄ | 1 ¹ / ₁₆ | 8 ¹ / ₂ | 10 ¹ / ₄ | 1 ³ / ₄ | 3 ³ / ₄ | 5 ¹ / ₂ | 8 ³ / ₈ | 11 | 16 ⁹ / ₁₆ | 9 ⁹ / ₁₆ | 1 ¹ / ₂ |
| 3U 65-160/10 | 2 ¹ / ₂ x 3 x 5 ³ / ₈ | 1 | 11 ⁵ / ₈ | 23 ³ / ₁₆ | 9 ⁹ / ₁₆ | 14 ³ / ₁₆ | 6 ⁵ / ₁₆ | 7 ⁷ / ₈ | 5 ¹ / ₄ | 1 ¹ / ₁₆ | 8 ¹ / ₂ | 10 ¹ / ₄ | 1 ³ / ₄ | 3 ³ / ₄ | 5 ¹ / ₂ | 8 ³ / ₈ | 11 | 16 ⁹ / ₁₆ | 9 ⁹ / ₁₆ | 1 ¹ / ₂ |
| 3U 65-160/15 | 2 ¹ / ₂ x 3 x 5 ⁷ / ₈ | 1 | 11 ⁵ / ₈ | 23 ³ / ₁₆ | 9 ⁹ / ₁₆ | 14 ³ / ₁₆ | 6 ⁵ / ₁₆ | 7 ⁷ / ₈ | 5 ¹ / ₄ | 1 ¹ / ₁₆ | 8 ¹ / ₂ | 10 ¹ / ₄ | 1 ³ / ₄ | 3 ³ / ₄ | 5 ¹ / ₂ | 8 ³ / ₈ | 11 | 16 ⁹ / ₁₆ | 9 ⁹ / ₁₆ | 1 ¹ / ₂ |

Model 3UB

EBARA Stainless Steel Centrifugal Pumps

Dimensions

3UB Type 3



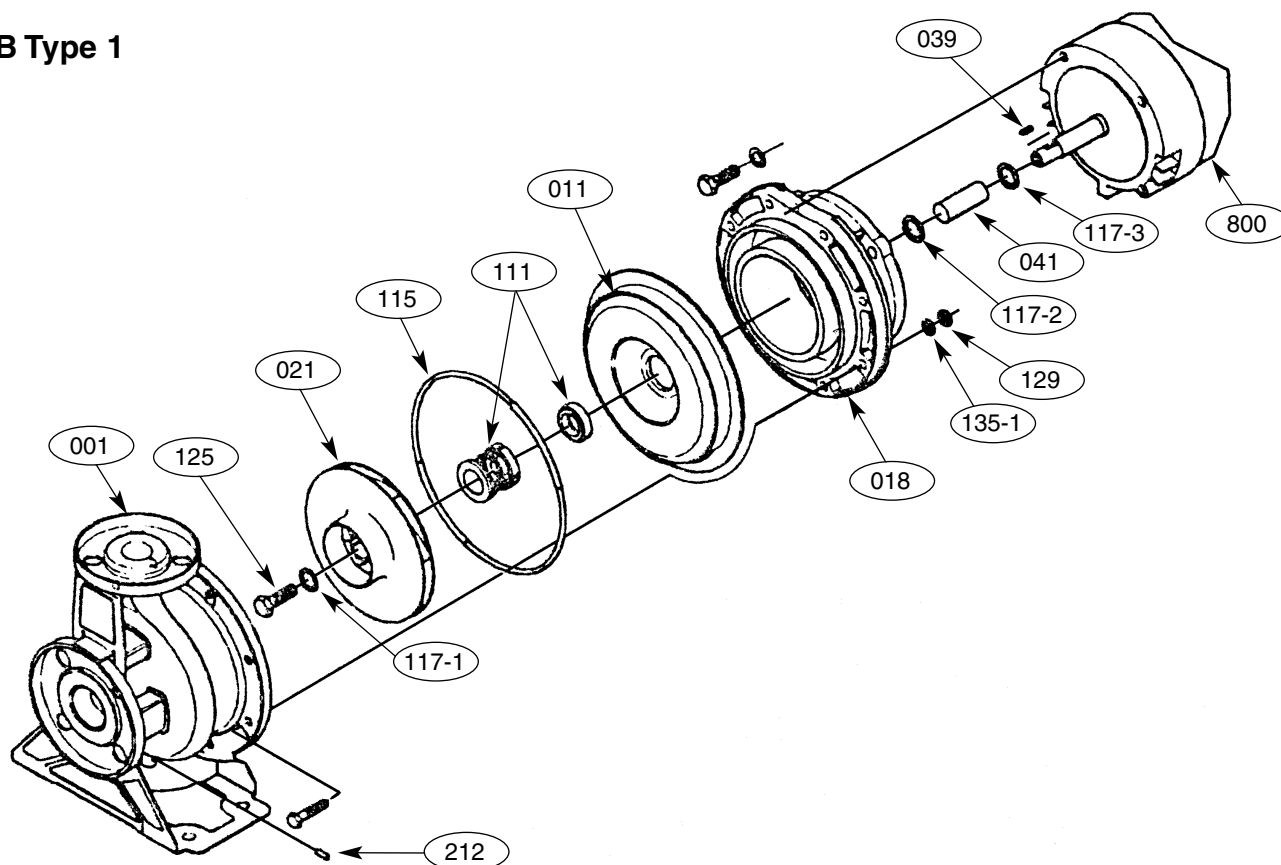
Dimensions: inch

| MODEL | SIZE | TYPE | B | F | G | H | H ₁ | H ₂ | H ₃ | H ₄ | L ₁ | L ₂ | L ₃ | M ₁ | M ₂ | N ₁ | N ₂ | P | S | S ₃ |
|--------------|---|------|----|--------------------------------|----------------------------------|----------------------------------|--------------------------------|-------------------------------|----------------|----------------|----------------|----------------------------------|---------------------------------|----------------|---------------------------------|---------------------------------|--------------------------------|----------------------------------|------|----------------|
| 3U 65-160/20 | 2½ x 3 x 6 ⁵ / ₁₆ | 3 | 10 | 32 ³ / ₈ | 11 ⁵ / ₈ | 14 ³ / ₁₆ | 6 ⁵ / ₁₆ | 7 ⁷ / ₈ | 6¼ | 1/16 | 10 | 12 ³ / ₈ | 2 ³ / ₈ | 3¼ | 5½ | 8 ³ / ₈ | 11 | 13 ¹³ / ₁₆ | 9/16 | 17/32 |
| 3U 65-160/25 | 2½ x 3 x 6 ⁷ / ₈ | 3 | 11 | 36 | 12 ¹³ / ₁₆ | 14 ⁷ / ₈ | 6 ⁵ / ₁₆ | 7 ⁷ / ₈ | 7 | 11/16 | 11 | 12 ³ / ₄ | — | 3¼ | 4 ¹⁵ / ₁₆ | 8 ³ / ₈ | 11 ¹ / ₈ | 13 ⁷ / ₈ | 9/16 | 17/32 |
| 3U 65-200/20 | 2½ x 3 x 6 ³ / ₄ | 3 | ¾ | 32 ³ / ₈ | 13 ⁹ / ₁₆ | 15 ¹⁵ / ₁₆ | 7 ¹ / ₁₆ | 8 ⁷ / ₈ | 6¼ | 13/16 | 10 | 12 ³ / ₈ | 2 ³ / ₈ | 3¼ | 5½ | 9 ¹³ / ₁₆ | 12 ⁵ / ₈ | 25 ¹³ / ₁₆ | 9/16 | 9/16 |
| 3U 65-200/25 | 2½ x 3 x 7 ¹ / ₁₆ | 3 | 11 | 36 | 13 | 15 ¹⁵ / ₁₆ | 7 ¹ / ₁₆ | 8 ⁷ / ₈ | 7 | 1/16 | 11 | 12 ¹⁵ / ₁₆ | 1 ¹⁵ / ₁₆ | 3¼ | 5½ | 9 ¹³ / ₁₆ | 12 ⁵ / ₈ | 13 ⁷ / ₈ | 9/16 | 17/32 |
| 3U 65-200/30 | 2½ x 3 x 7 ¹ / ₂ | 3 | 11 | 36 | 13 | 15 ¹⁵ / ₁₆ | 7 ¹ / ₁₆ | 8 ⁷ / ₈ | 7 | 1/16 | 11 | 12 ¹⁵ / ₁₆ | 1 ¹⁵ / ₁₆ | 3¼ | 5½ | 9 ¹³ / ₁₆ | 12 ⁵ / ₈ | 13 ⁷ / ₈ | 9/16 | 17/32 |

Exploded View

3U

3UB Type 1



| Part No. | Part Name | Material | No. for 1 Unit |
|----------|---------------------------|----------------|----------------|
| 001 | Casing | 304L Stainless | 1 |
| 011 | Casing cover | 304L Stainless | 1 |
| 018 | Bracket | Cast Iron | 1 |
| 021 | Impeller (3U) | 304L Stainless | 1 |
| 021 | Impeller (3UB) | Bronze | 1 |
| 039 | Key | 304L Stainless | 1 |
| 041 | Shaft sleeve | 304L Stainless | 1 |
| 111 | Mechanical seal | - | 1 |
| 115 | O-Ring | Viton | 1 |
| 117-1 | Gasket | Nylon | 1 |
| 117-2 | Gasket | Nylon | 1 |
| 117-3 | Gasket | Nylon | 1 |
| 125 | Impeller Bolt | 304L Stainless | 1 |
| 160 | Motor support (not shown) | Steel | 1 set |
| 212 | Plug | 304L Stainless | 1 |
| 800 | Motor | - | 1 |
| | Suction Flange Gasket | Viton | 1 |
| | Discharge Flange Gasket | Viton | 1 |

Model 3UB

EBARA Stainless Steel Centrifugal Pumps

Exploded view

Model 3U 65 Type 3

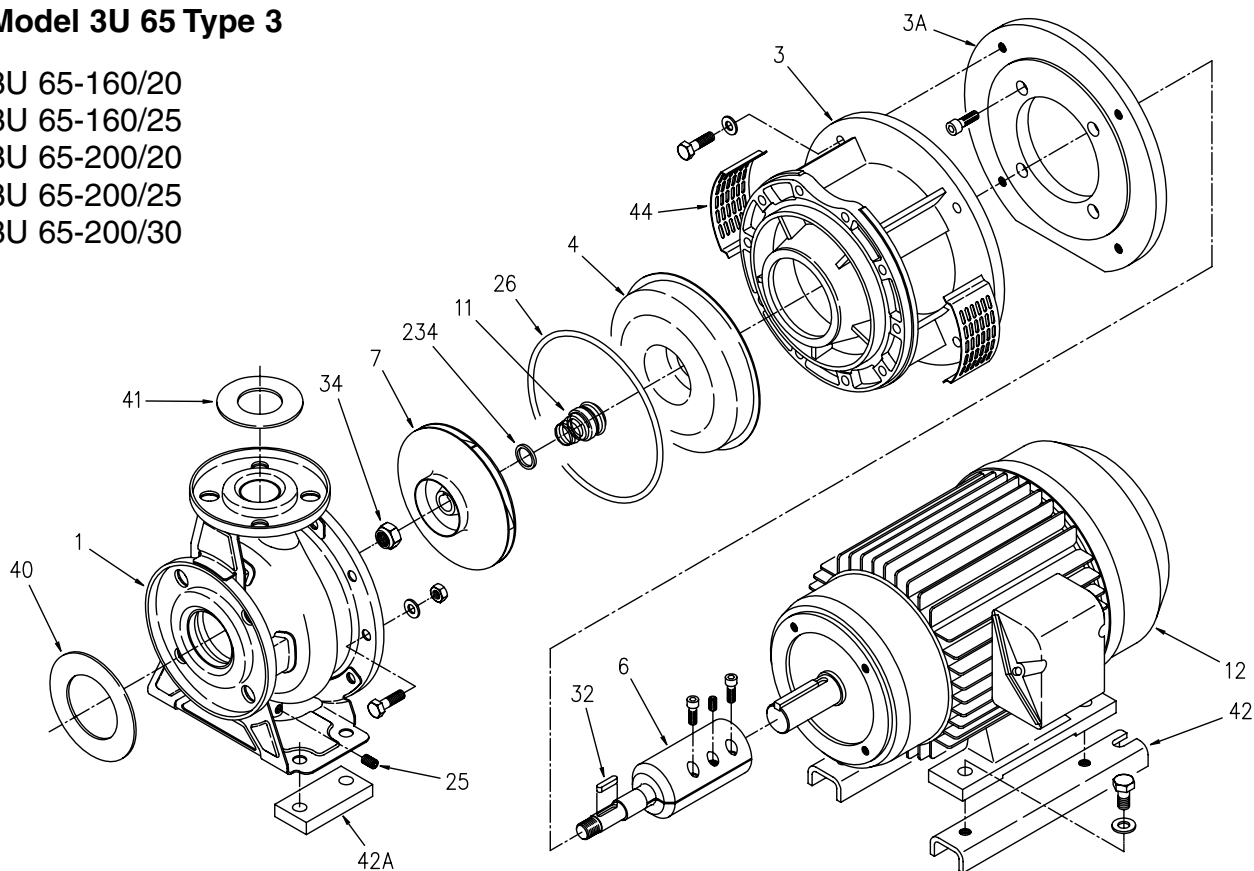
3U 65-160/20

3U 65-160/25

3U 65-200/20

3U 65-200/25

3U 65-200/30



| Part No. | Part Name | Material | No. for 1 Unit |
|----------|-----------------------------------|-------------------------|----------------|
| 001 | Casing | 304L Stainless | 1 |
| 003 | Motor bracket | Cast iron | 1 |
| 003A | Adapter ring | Cast iron | 1 |
| 004 | Casing cover | 304L Stainless | 1 |
| 006 | Coupling | Steel / Stainless steel | 1 |
| 007 | Impeller | Bronze | 1 |
| 011 | Mechanical seal | | 1 |
| 012 | Motor | | 1 |
| 025 | Drain plug | 304L Stainless | 1 |
| 026 | O-ring | Viton | 1 |
| 032 | Key | 304L Stainless | 1 |
| 034 | Impeller nut | Stainless / Nylon | 1 |
| 040 | Flange Gasket | EPDM | 2 |
| 041 | Flange Gasket | EPDM | 2 |
| 042 | Motor support | Steel | 2 |
| 042A | Casing support (65-160 25HP only) | Steel | 2 |
| 044 | Coupling guard | Stainless Steel | 2 |
| 234 | Lip seal | 304L Stainless | 1 |