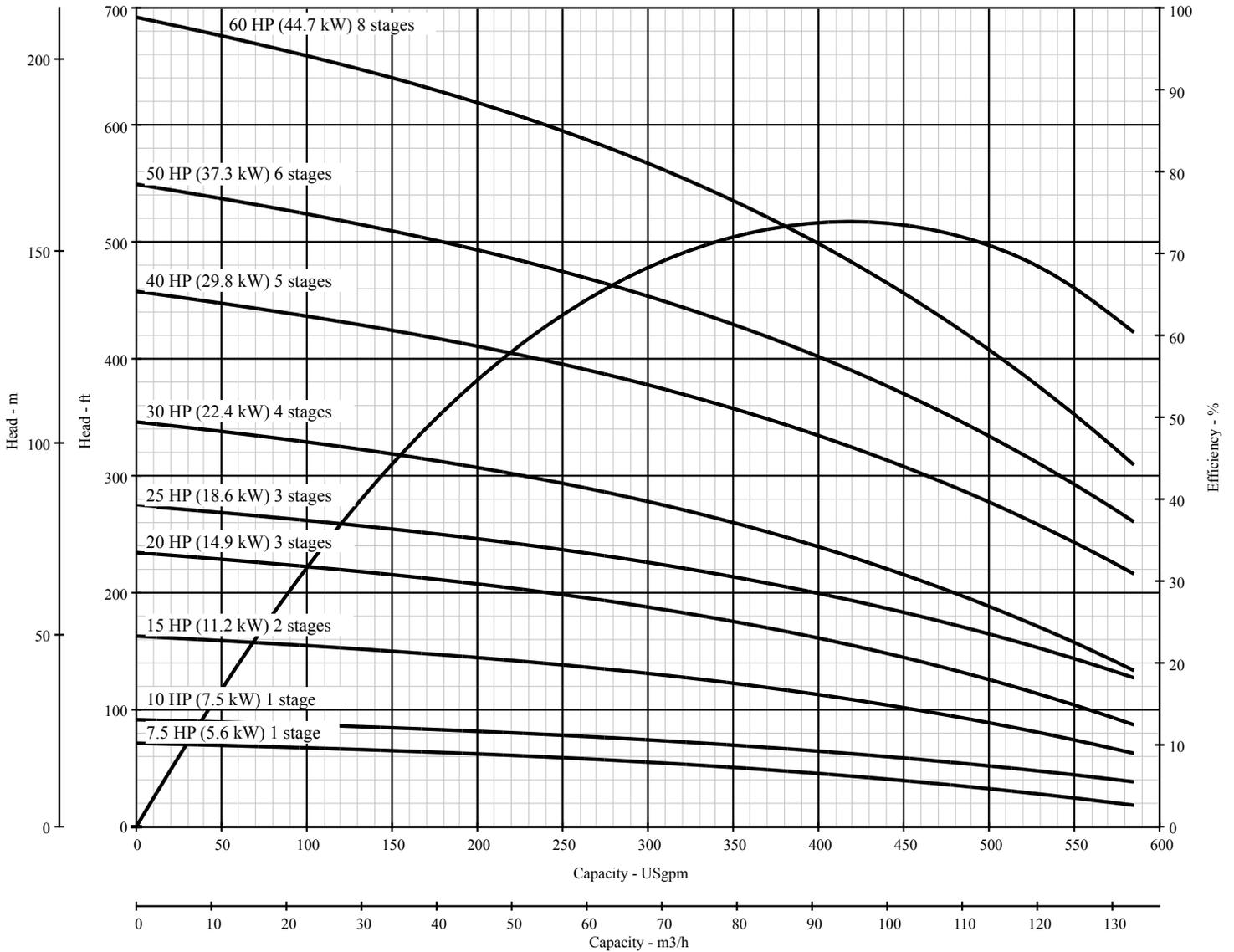


BERKELEY® 6TMH-450

SUBMERSIBLE TURBINES

Curve 6TMH-450
 Date 08/20/15
 Page 4.1.0
 Supersedes 06/20/14

Nominal RPM: 3500 (60 hz)
 Based on Fresh Water@ 68° F (20° C)
 Maximum Working Pressure: 735 PSI (50.6 BAR)
 Standard Catalog Staging
 Pump Diameter with Cableguard 6.5" (165 mm)

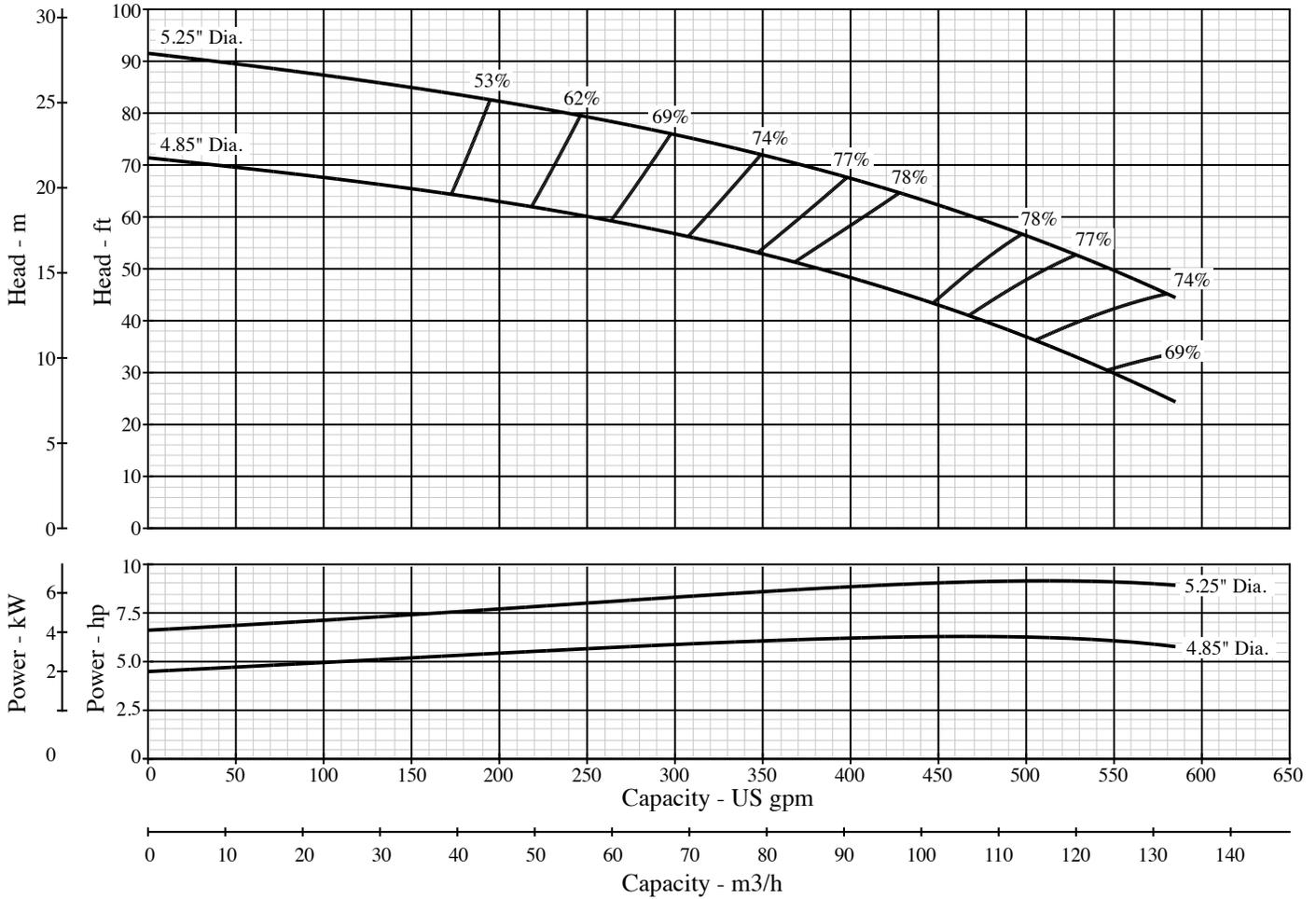


BERKELEY® 6TMH-450

SUBMERSIBLE TURBINES

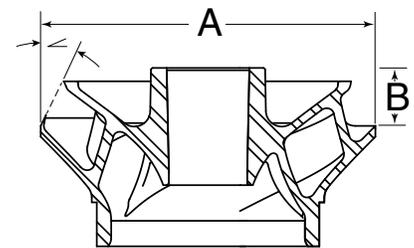
Curve 6TMH-450
 Date 08/01/16
 Page 4.1.1
 Supersedes 08/20/15

Nominal RPM: **3500**
 Based on Fresh Water@ 68 deg. F
 Maximum Working Pressure: 735 PSI (50.6 BAR)



| Part Name | Material | Reference |
|---|-----------------|-----------------------|
| Top Bearing | Vesconite® | |
| Discharge Adapter | Ductile Iron | ASTM A536-84 65-45-12 |
| Bowls | Cast Iron | ASTM A48 Class 30 |
| Suction Bracket | Ductile Iron | ASTM A536-84 65-45-12 |
| Bowl Bearing | Rubber | Neoprene |
| Impeller Collets | Steel | AISI 1226 |
| Pump Shaft, Shaft Coupling | Stainless Steel | AISI 416 UNS S41600 |
| Upthrust Adjustment, Impeller, Suction Screen | Stainless Steel | AISI 304 UNS S30400 |
| Cable Guard | Stainless Steel | AISI 302 UNS S30200 |

| Stages | Assembled pump length less motor – inches (mm) |
|---|--|
| 1 | 18.18 (461.5) |
| Each additional stage | Add 7.20 (183) |
| Pump Diameter with leadguard: 6.50 inches (165 mm) | |
| Refer to the following literature pieces for motor information, including power and length: P10842BK for Pentek® motors, P8174WS for Hitachi® motors | |



| Trim | "A" Diameter inches (mm) | "B" Height inches (mm) | ∠ |
|------|--------------------------|------------------------|-----|
| "A" | 5.25 (133.4) | 2.067 (52.5) | — |
| "B" | 4.85 (123.2) | 1.824 (46.33) | 44° |



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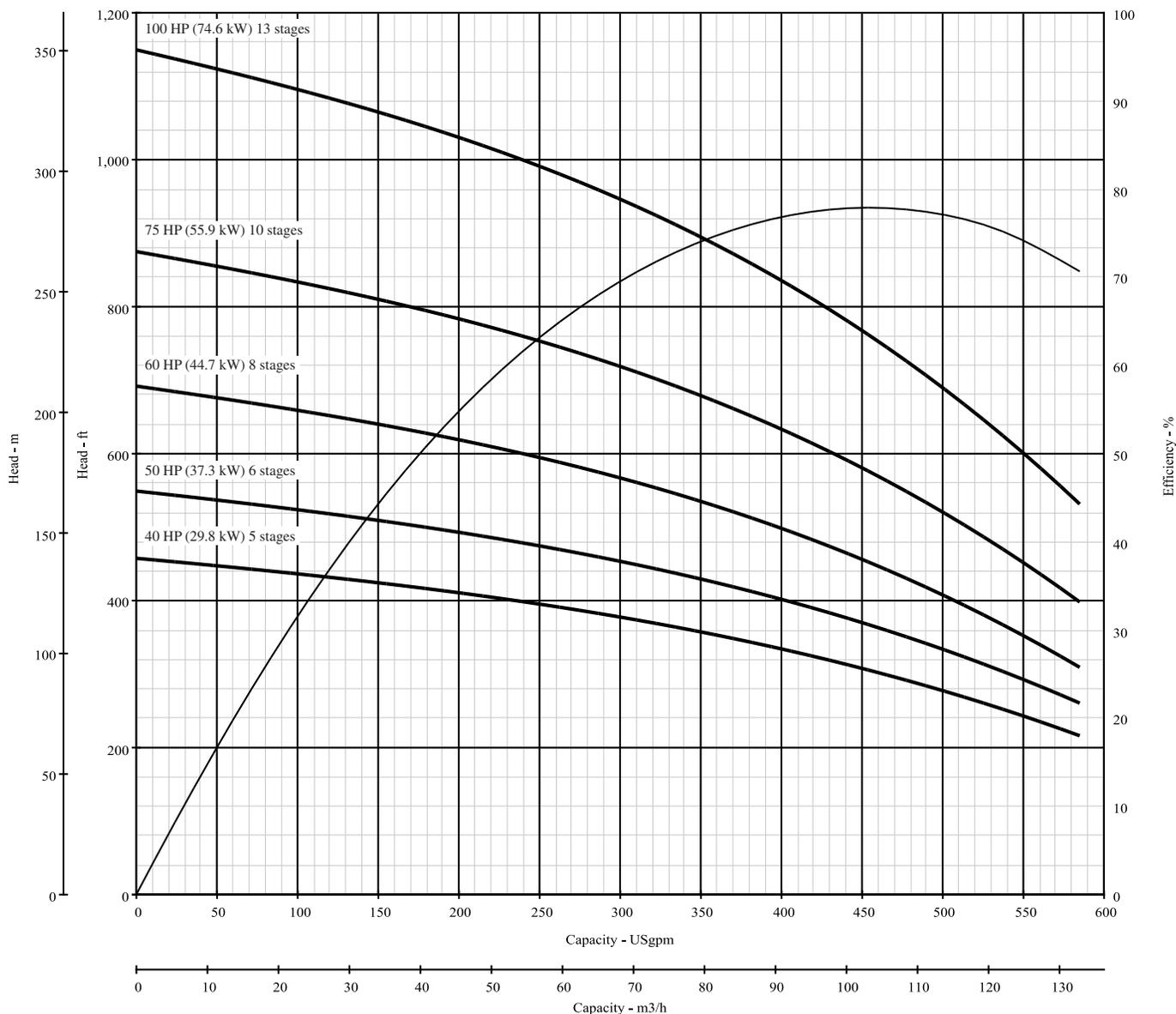
BERKELEY® 6TMH-450

SUBMERSIBLE TURBINES

8" MOTOR

Curve 6TMH-450
 Date 02/01/16
 Page 4.2.0
 Supersedes New

Nominal RPM: 3500 (60 hz)
 Based on Fresh Water@ 68° F (20° C)
 Maximum Working Pressure: 735 PSI (50.6 BAR)
 Standard Catalog Staging
 Pump Diameter with Cableguard 6.5" (165 mm)

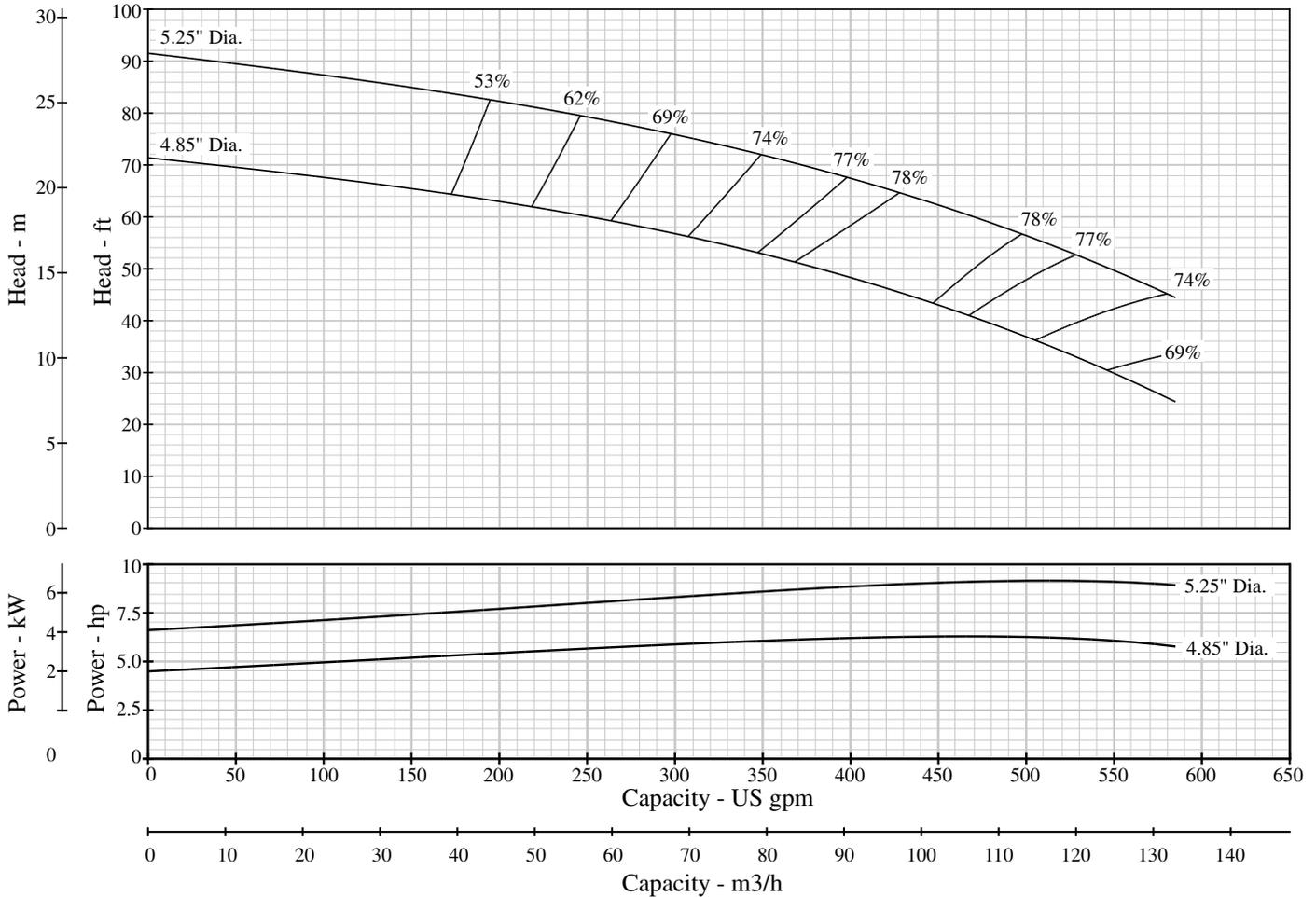


BERKELEY® 6TMH-450

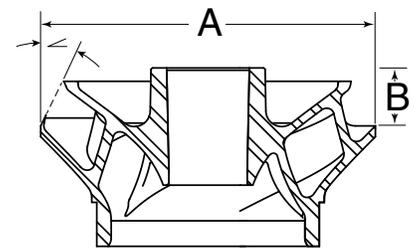
SUBMERSIBLE TURBINES, 8" MOTOR

Curve 6TMH-450
 Date 02/01/16
 Page 4.2.1
 Supersedes New

Nominal RPM: **3500**
 Based on Fresh Water@ 68 deg. F
 Maximum Working Pressure: 735 PSI (50.6 BAR)



| Part Name | Material | Reference |
|---|-----------------|-----------------------|
| Top Bearing | Vesconite® | |
| Discharge Adapter | Ductile Iron | ASTM A536-84 65-45-12 |
| Bowls | Cast Iron | ASTM A48 Class 30 |
| Suction Bracket | Ductile Iron | ASTM A536-84 65-45-12 |
| Bowl Bearing | Rubber | Neoprene |
| Impeller Collets | Steel | AISI 1226 |
| Pump Shaft, Shaft Coupling | Stainless Steel | AISI 416 UNS S41600 |
| Upthrust Adjustment, Impeller, Suction Screen | Stainless Steel | AISI 304 UNS S30400 |
| Cable Guard | Stainless Steel | AISI 302 UNS S30200 |



| Stages | Assembled pump length less motor – inches (mm) |
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