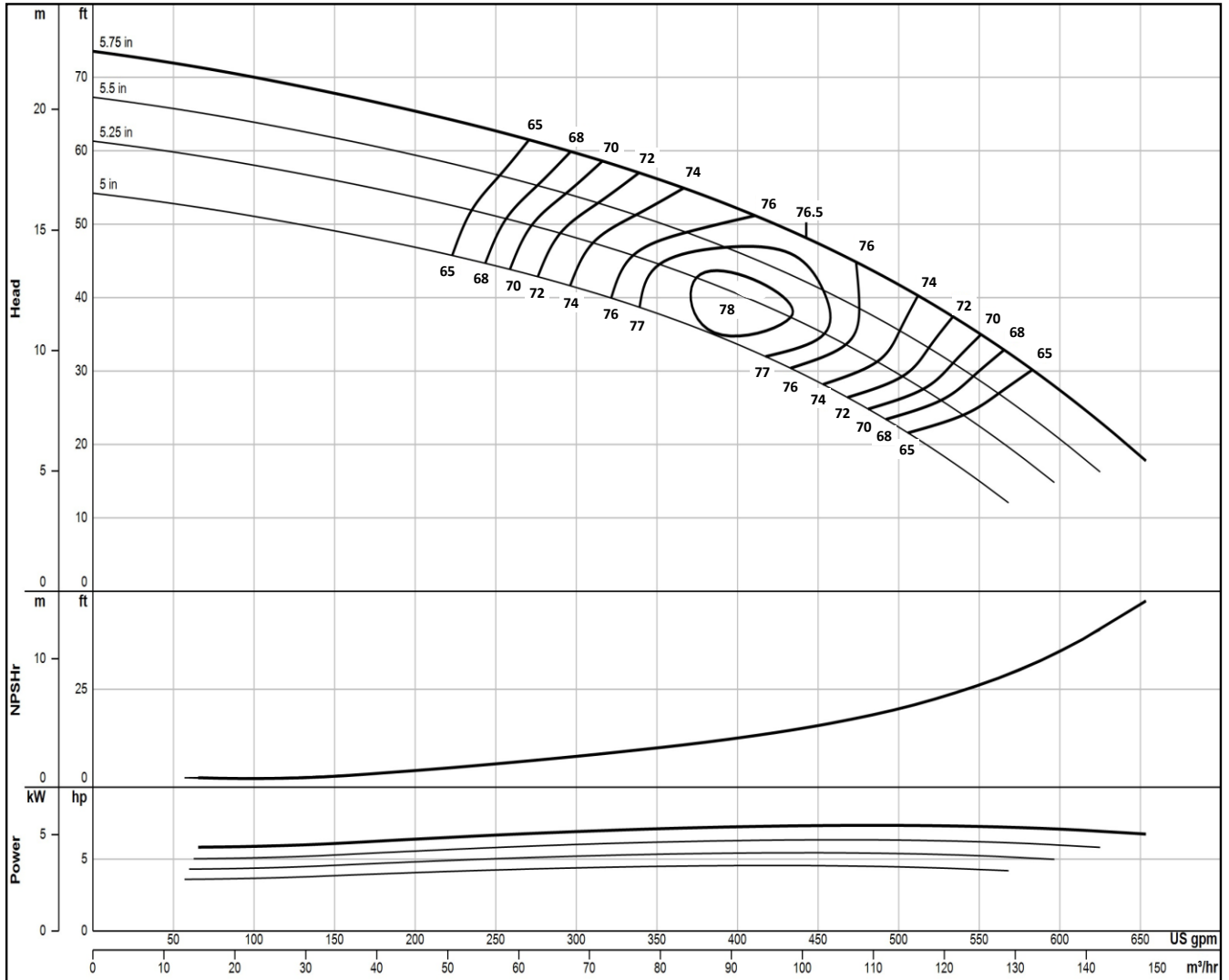


# SM7M

## 3450 RPM

ONE ( )  
STAGE STAGE



<b>Impeller Type</b>	<b>Enclosed</b>	<b>Bowl Ø (in)</b>	<b>7.00</b>	<b>Ns (US)</b>	<b>3309</b>	<b>Qty.</b>	<b>Eff.</b>
<b>Impeller Model</b>	<b>SM7M</b>	<b>Thd'd Discharge (in)</b>	<b>4, 5, 6</b>	<b>Nss (US)</b>	<b>7853</b>	<b>Stages</b>	<b>Change</b>
<b>One Stage Weight (lbf)</b>	<b>100.0</b>	<b>Thd'd Suction (in)</b>	<b>5</b>	<b>PEIcI</b>	<b>N/A</b>	<b>1</b>	<b>-3</b>
<b>Add'l Stage Wt. (lbf)</b>	<b>40.0</b>	<b>Bell Suction Ø (in)</b>	<b>9.38, 8</b>	<b>Bowl Shaft Ø (in)</b>	<b>1.25</b>	<b>2</b>	<b>-2</b>
<b>Impeller Wt. (lbf)</b>	<b>6.2</b>	<b>Sub. Mtr. (in)</b>	<b>4, 6, 8</b>	<b>Total Lateral (in)</b>	<b>0.94</b>	<b>3</b>	<b>-1</b>
<b>Impeller Mtrl.</b>	<b>316</b>	<b>C.I. Bowl Rating (psi)</b>	<b>Δ</b>	<b>Imp. Setting (in)</b>	<b>0.13</b>	<b>4</b>	<b>0</b>
<b>One Stage Length (in)</b>	<b>23.38</b>	<b>D.I. Bowl Rating (psi)</b>	<b>Δ</b>	<b>K-Factor (lbf/ft-tdh)</b>	<b>5.4</b>	<b>5</b>	<b>0</b>
<b>Add'l Stage Length (in)</b>	<b>7.00</b>	<b>316 Bowl Rating (psi)</b>	<b>Δ</b>	<b>Imp. WR² (lbf-ft²)</b>	<b>0.162</b>		

Δ Consult factory for availability

2026-06-26

Data reflects nominal performance and may be derated for specified ANSI/HI 14.6 acceptance grade and/or materials of construction. Consult factory.

Weights and lengths listed are approximate and subject to change. Consult factory.