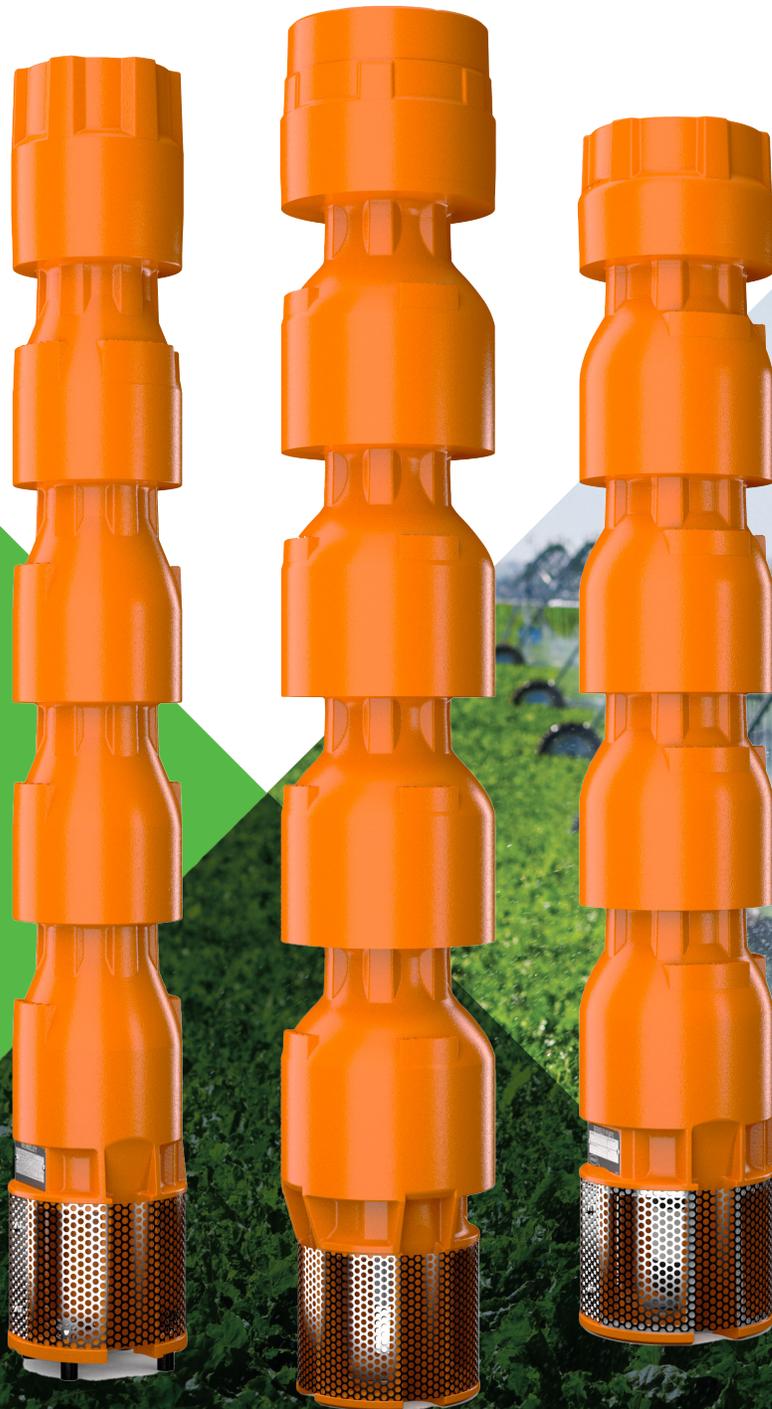




# SUBMERSIBLE TURBINE

5TMH, 6TMH & 7TMH SERIES



[pentair.com/berkeley](http://pentair.com/berkeley)

# GIVE YOUR CUSTOMERS COVERAGE WHERE THEY NEED IT MOST

Pentair® Berkeley® TMH Submersible Turbines deliver industry-leading performance in efficiency and head per stage while reducing overall stage counts, assembly and warehouse needs for agricultural irrigation.

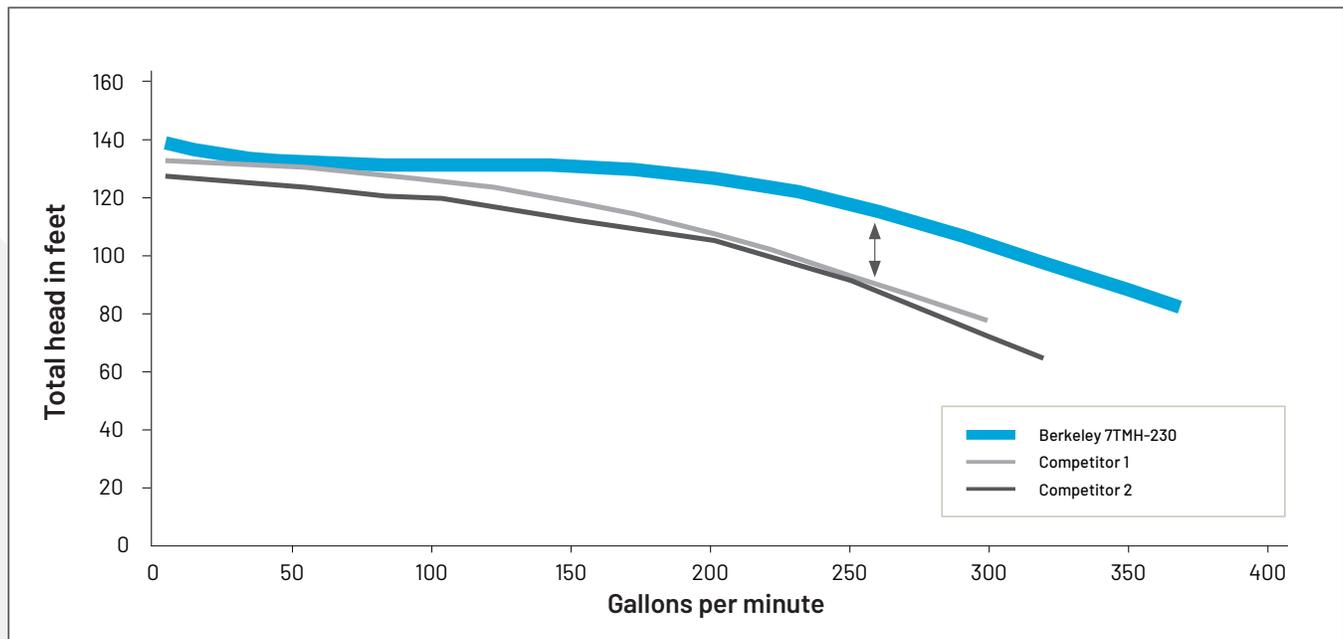
## Increased Quality for Maximum Performance and Longevity

- ◆ Ductile iron discharges and motor adapters are designed for greater strength.
- ◆ Impellers and diffuser are designed together, providing maximum hydraulic performance and longevity.
- ◆ Full contact collet design ensures that impellers are held tightly onto the shaft.
- ◆ Left hand bowl thread prevents the bowls from unscrewing and eliminates the need to pin the bowl.

## Minimize Inventory and Assembly Time with Our Standardized Design

- ◆ Flow series cast into major components for faster identification.
- ◆ Standard components and assembly processes reduce assembly time.
- ◆ Fewer component SKUs reduce inventory space.
- ◆ Less component inventory required because of increased head per stage and fewer stages used.
- ◆ Adjustable upthrust control allows installer to verify lateral clearance.

## Reduce Your Operating Costs by Increasing Performance

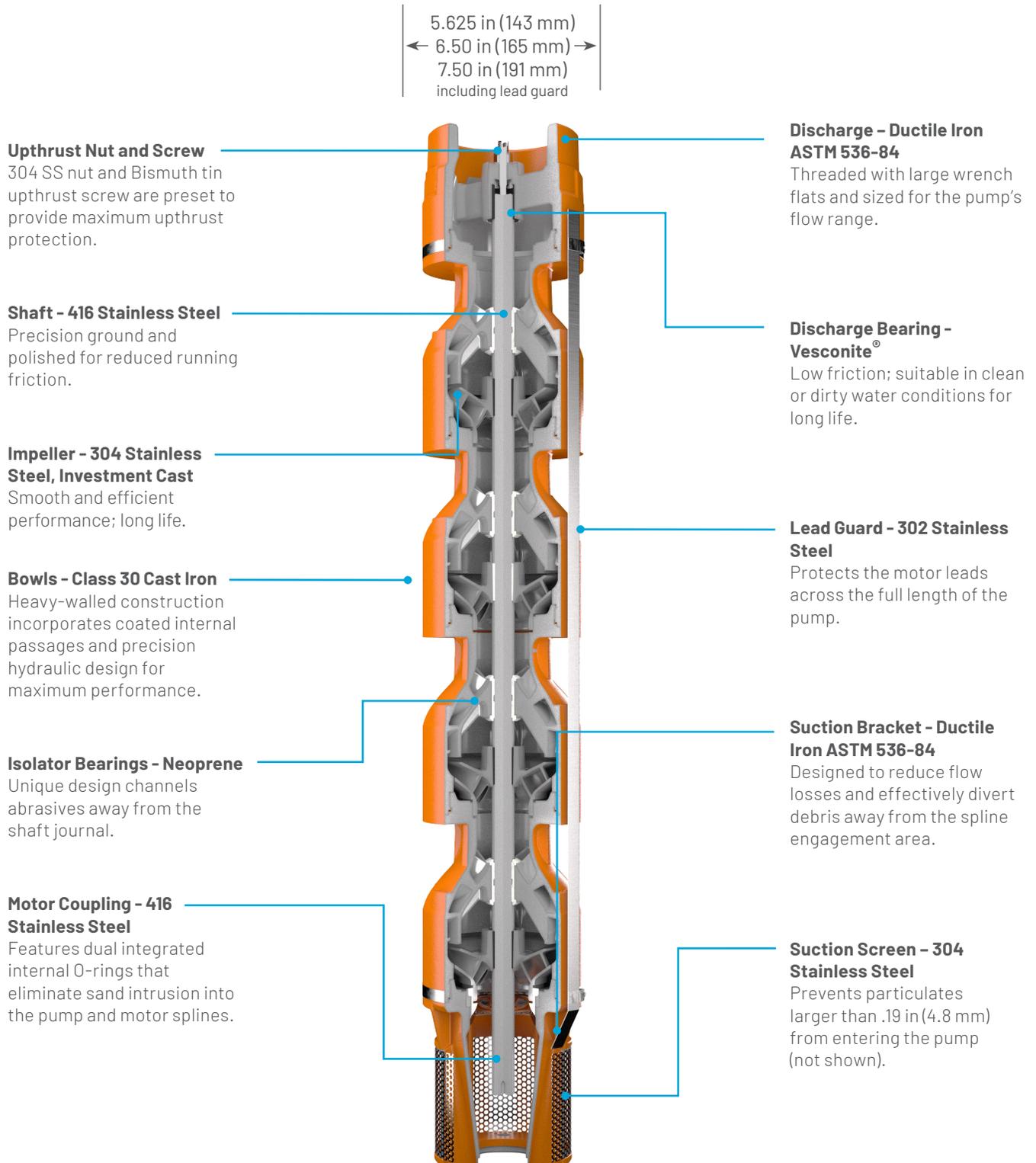


**Pentair Berkeley 7TMH Series ensures complete flow coverage across the range at high efficiency levels and delivers 33% more head per stage than the leading competitors' pumps†**

† Based on competitors' published performance data.

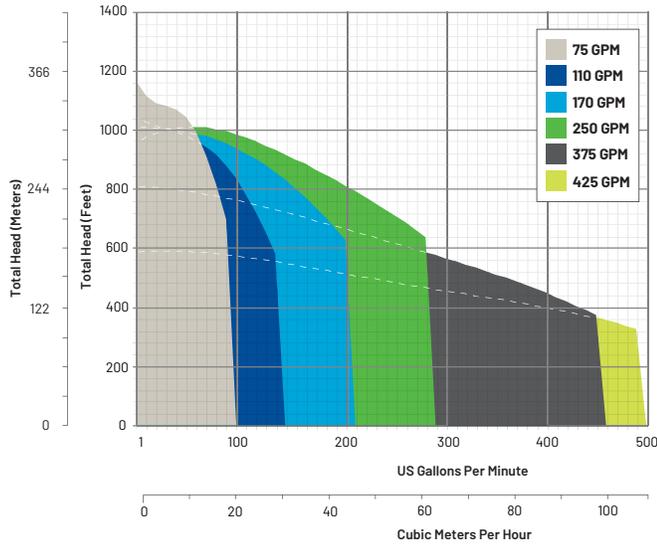
## BERKELEY ELECTRONIC CATALOG

For pump sizing, performance information and component build details, go to [pentair.com/berkeley](http://pentair.com/berkeley) and select the BEC2 Electronic Catalog. Mobile-friendly BEC2 makes information readily available on the go.

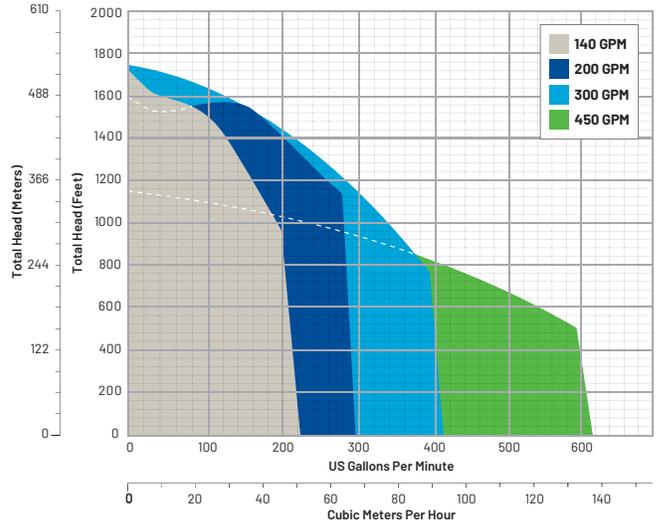


# COMPARE THE PERFORMANCE

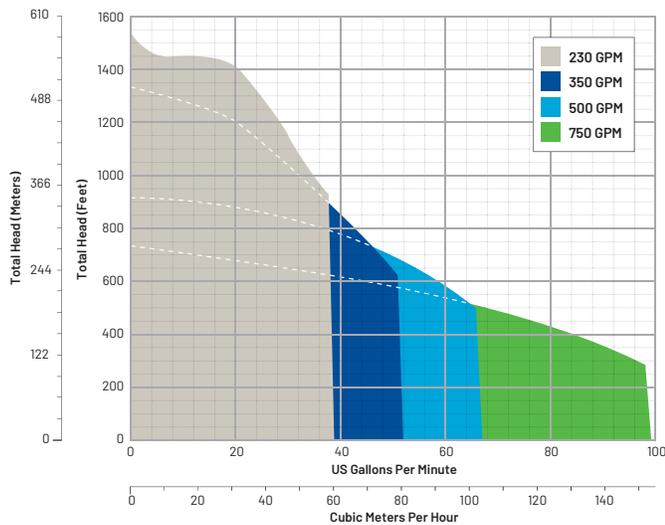
## 5TMH SERIES



## 6TMH SERIES



## 7TMH SERIES



## EFFICIENCIES

Series	OD	BEST EFFICIENCY POINT OPERATING CONDITIONS		
		BEP	Feet per Stage	Eff %
5TMH-75	5.5"	69	48.4	60.3%
5TMH-110	5.5"	107	46.3	66.6%
5TMH-170	5.5"	166	53.6	74.6%
5TMH-250	5.5"	223	55.6	71.9%
5TMH-375	5.5"	362	38.6	74.2%
5TMH-425	5.5"	374	41.9	72.8%
6TMH-140	6.5"	140	73.5	74.4%
6TMH-200	6.5"	183	79.2	78.9%
6TMH-300	6.5"	299	65.9	77.0%
6TMH-450	6.5"	462	60.9	78.4%
7TMH-230	7.5"	248	117.5	77.2%
7TMH-350	7.5"	305	102.8	81.7%
7TMH-500	7.5"	468	99.0	76.5%
7TMH-750	7.5"	692	82.0	80.3%

Operating conditions from BEC2 single stage performance



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