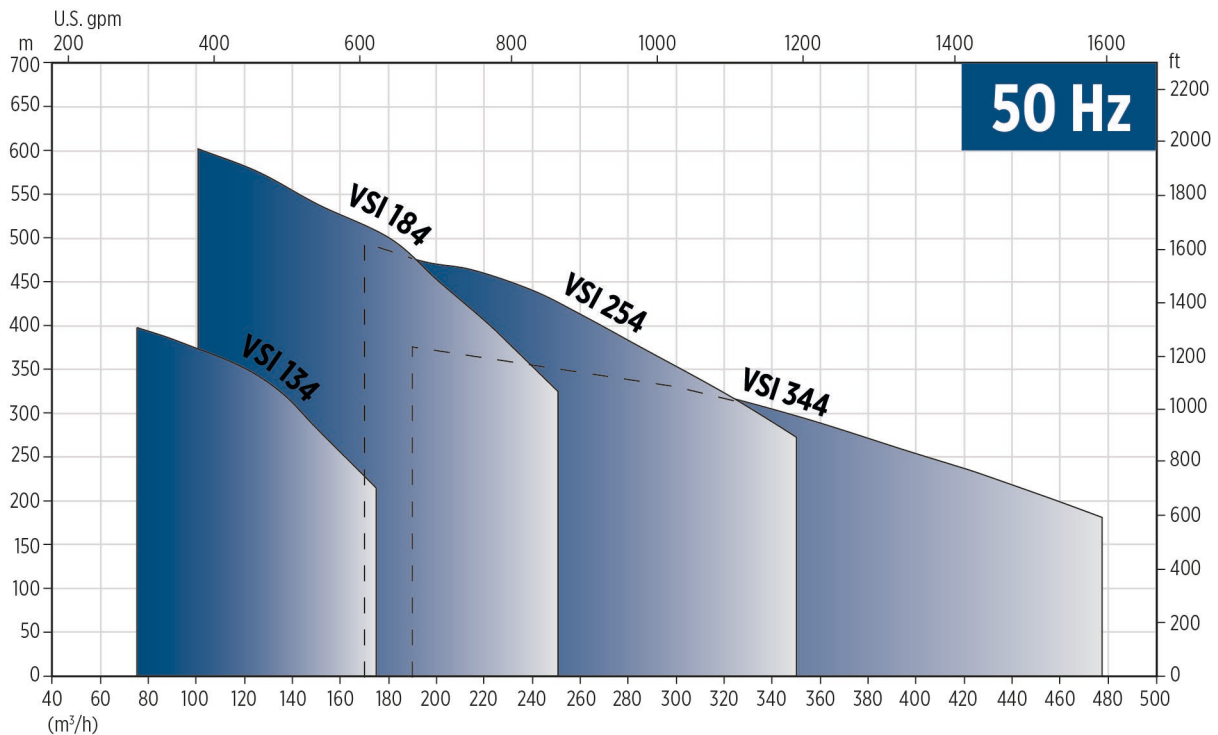


March 2024

VSI SERIES - EXPANSION OF BOREHOLE PUMPS TO 12 INCH

Franklin Electric has extended its range of cast stainless steel submersible pumps up to 12 inch. Now the series is available in three different sizes (8" / 10" / 12") and four different flow rates up to 478 m³/h. More flow versions up to 650 m³/h will be released shortly.



00150052 01/2024

HIGH EFFICIENCY AND CORROSION RESISTANCE

- High efficiency (up to 85%)
- Diffusers and impellers made of investment casting stainless steel
- Balanced impellers
- Spring loaded, robust design check valve with two bearing bushings and one-piece valve cone
- Vesconite Hilube® top bearing bush (closed on top)
- PTFE + Graphite up-thrust bearing
- Drinking water approval



Model	8"	10"		12"
	134	184	254	344
Nominal flow [m ³ /h]	133	180	260	344
Number of stages	1 - 20	1 - 16	1 - 14	1 - 7
Type of impeller	Semi axial			
Max. liquid temperature [°C]	+65			
Hydraulic efficiency [%]	up to 81.8	up to 83.5	up to 83.3	up to 85
Range [m ³ /h]	75 - 175	100 - 250	170 - 350	200 - 478
Max. head at Minimum flow [m]	398	600	495	201
Shutoff [m]	435	665	615	424
Hydraulic connection (dimensions)	Rp or NPT 5"	Rp or NPT 6" / Flanged D170 w/o counterflange	Rp or NPT 6" / Flanged D170 w/o counterflange	Flanged D220 with counterflange
	PN45	PN65	PN60	PN45
Motor power range [kW]	9.3 - 150	13 - 300	15 - 350	30 - 350
Trimmed impeller diameters	-	•	•	•

Please refer to the catalog for more detailed information.

OPTIONS



- Reduced or optimized impeller diameters for 10" and 12" pumps
- Different materials
- SD version with second cable guard
- Cable guard type H (High)

The VSI12 pumps are also available in our new Franklin Electric Pump Selector software that allows to make selections and generates data sheets for your VSI pumping systems. You can access the tool on our website or directly on fele-selector.com.



Also watch our tutorial video about the new Franklin Electric Pump Selector software on our Youtube channel:
[Franklin Electric Tutorial on YouTube](#)



Don't hesitate to contact your Franklin Electric contact.

Simone Uliana
Product Management