

TWD - DMX - Submersible Pump - 24vdc



Dimension

Please see dimension in the drawing

Power

50W - 300W

(wattage tolerance of $\pm 5\%$)

Voltage

24VDC

Max. Flow Rate

7,200l/hour -

14,400l/hour

Max. Head

3.5m - 11.0m

Water Outlet

BSP G1 1/2"

Protection

IP68

Control Protocol

DMX512

No. of Channels

2 (Standby, Speed)

Length of Cables

24V Cable (2core) - 3m

DMX In Cable - 1.5m

DMX Out Cable - 1.5m

Material

Heavy Duty Plastic

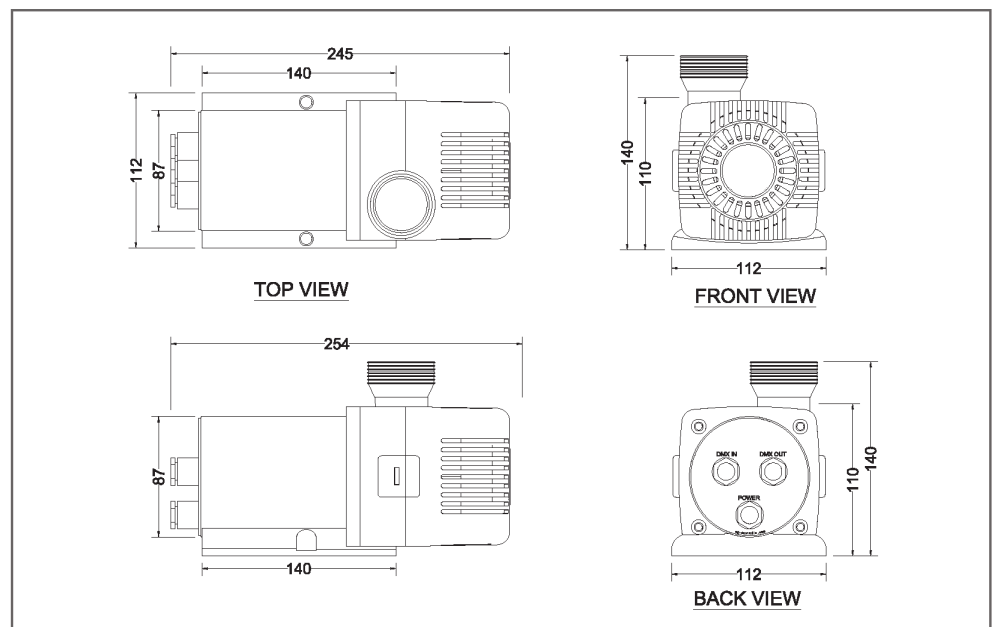
Pump Body,

Stainless Steel/Ceramic

Shaft

Water Temperature

5-35°C



TECHNO WATER DESIGNS

The Art of Water

Design Studio & Workshop • Unit 4, 33 Jade Drive Molendinar 4214

Ph • +617 5597 5882

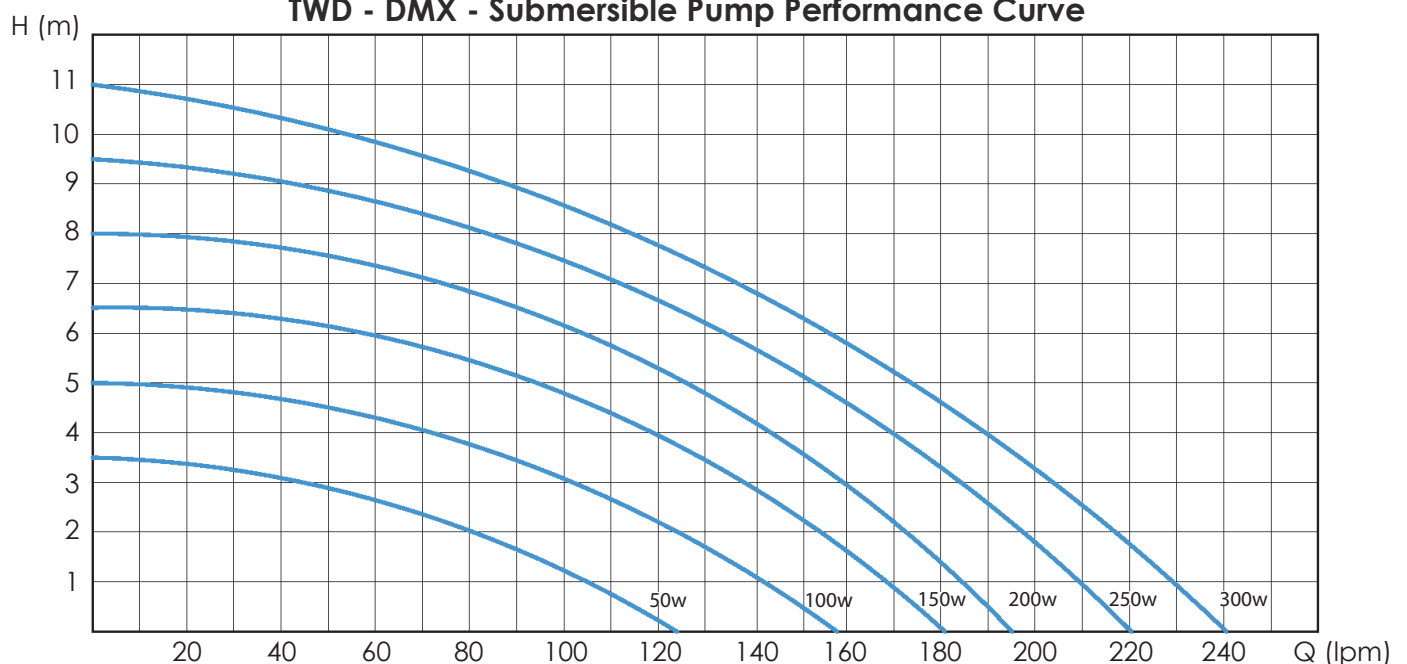
E • info@techno-waterdesigns.com.au

W • www.techno-waterdesigns.com.au

TWD - DMX - Submersible Pump - 24vdc

Pump Model	Power (W)	Flow (l/m)	Head (m)
TWD - DMX - SP 24VDC - 50	50W	120	3.5
TWD - DMX - SP 24VDC - 100	100W	155	5
TWD - DMX - SP 24VDC - 150	150W	180	6.5
TWD - DMX - SP 24VDC - 200	200W	195	8
TWD - DMX - SP 24VDC - 250	250W	220	9.5
TWD - DMX - SP 24VDC - 300	300W	240	11

TWD - DMX - Submersible Pump Performance Curve



Selecting the right pump is the first important step to achieve the desired fountain height. Different nozzles have different flow and pressure requirement. Be sure to choose the right pump. Determine the fountain height you want to achieve and then refer to the data sheet of the nozzle and obtain the corresponding flow and pressure (head) requirement of that nozzle.

Take into consideration any possible frictional losses from the pipes and fittings in between pump and nozzle. In dry fountain design, it is important to consider the height from water level to the floor deck level and this difference in height should be added to the overall fountain height.

Brushless DC (BLDC) pump is designed for safe, reliable and energy efficient use in interactive fountain applications required by the rules and regulations.

- Safe and reliable 24VDC LDC technology.
- Ease of setting up the fountain.
- Exciting and unlimited variation of choreography to your fountain.
- Reduce initial investment on the complex plumbing work.
- Submersible application only.

Our **TWD - DMX - Submersible Pumps** are made of high quality durable plastic with ceramic shaft that made them suitable for fresh water application. All pumps are IP68 protection rated with dry run, overtemperature and overcurrent protection.