

DATASHEET



eCP80 Electric Water Pump 24V

Turntide's eCP80 24V is an electrically powered centrifugal pump, configured for use with a 24V DC power supply using CAN bus or PWM communication. Supplied with cast aluminium housings, the pump is suitable for a wide range of on and off-road applications.



Features

- Pump family tested against ISO16750 Environmental test standards
- Integrated motor controller provides variable speed control
- CAN or PWM* communication
- Electrical connector / coolant outlet orientation options available
- Fault reporting
- Integrated power electronics
- Compliant to ECE R10
- Delay shutdown function

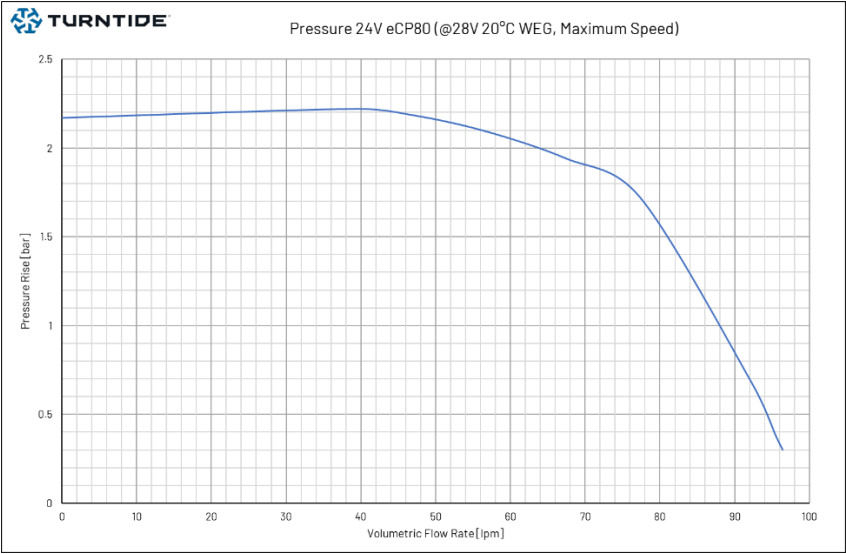
*For limited functionality

Specifications

Characteristics			
Pump Type	Sealless Centrifugal Impeller	Best Efficiency Point (BEP)	77.4LPM @ 1.8bar static pressure rise
Min Operating Temp	-30°C**	Max Operating Temp	+75°C**
Min Storage Temp	-40°C**	Max Storage Temp	+85°C**
Fluid Inlet and Outlet Connection	1" Hose Barb	Housing Material	Cast Aluminium LM6
IP Rating	IP6k9k	** Product family tested to ISO16750-4 for operating and storage temps	
Interface			
Control	SAE J1939 or CAN J1939	Connector	AMP MCP LEVYSEAL sealed connector 1534238-1

Details are correct at time of publishing

Electrical			
Rated Voltage	18-32V	Max Current	19A
Input DC Power	500W		



Weight and Dimensions

Weight	3.02kg	

For further information please contact our team of experts at electrificationsales@turntide.com

TURNTIDE TECHNOLOGIES

Our breakthrough technologies accelerate electrification and sustainable operations for energy-intensive industries

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