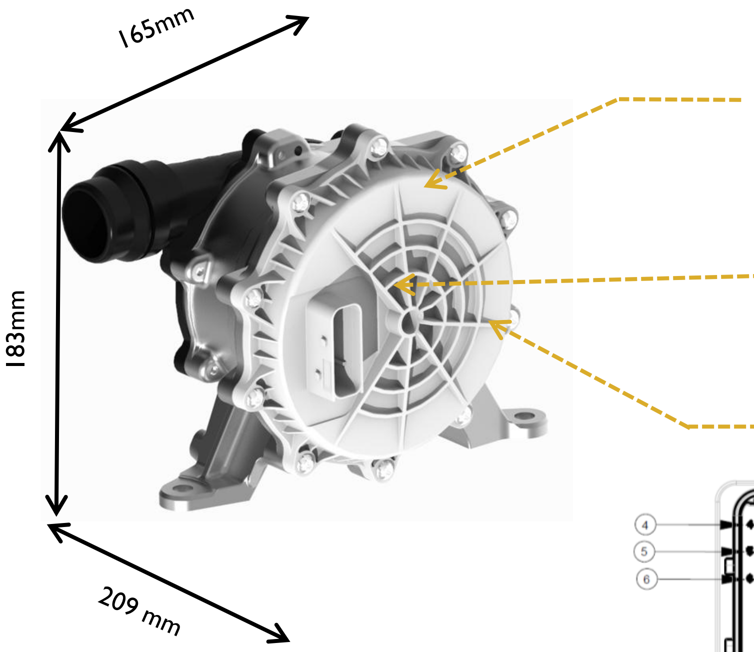
ELECTRIC
WATER PUMP

CONCENTRIC

BENEFITS

- Quiet operation
- Fully variable flow
- Up to 50,000 hour motor life
- High efficiency

PERFORMANCE CHARACTERISTICS	
SPEC POINT	125 LPM at 280 KPa ΔP
FLUID	Water/Glycol
TEMPERATURE RANGE	-40 to +65°C
INLET PRESSURE	100 KPa maximum
SPEED RANGE	Up to 7600 rpm

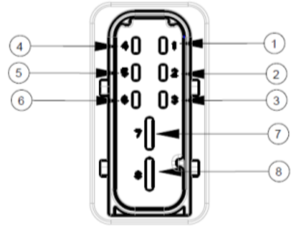


Electrical Interface

- Operating Voltage – 36-60V
- CAN Control – CANOpen
- Environmental Protection – IP6K9K
- Communication speed – 500Kbps or 250Kbps

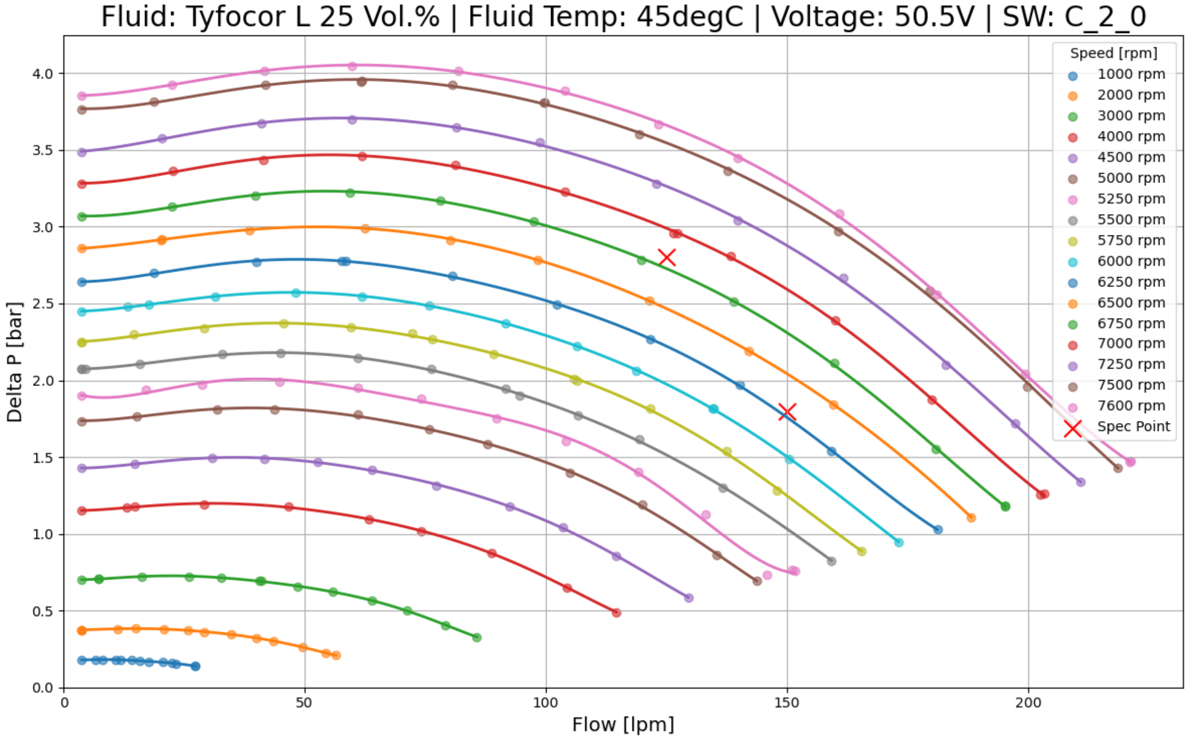
Brushless DC permanent magnet wet rotor

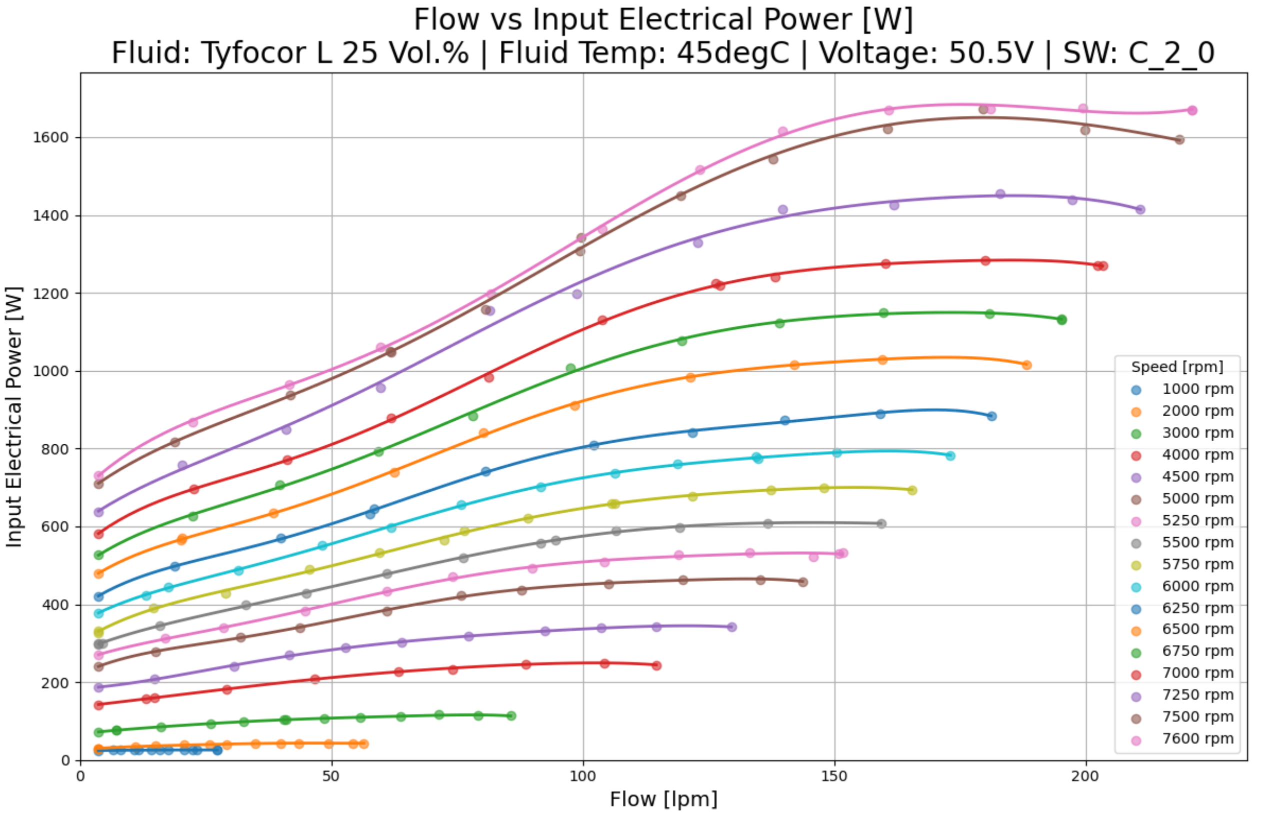
Pin Layout

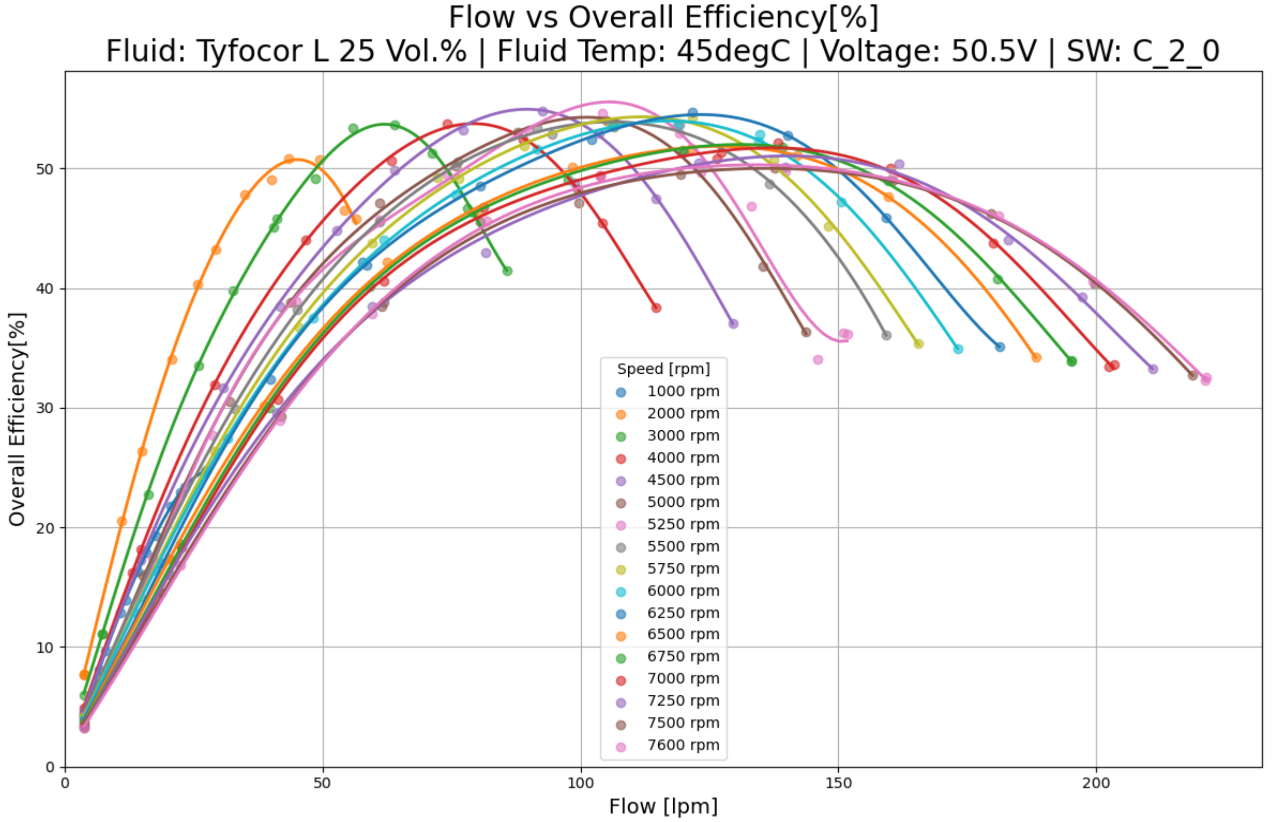


CONNECTIVITY TAB HOUSING MATED WITH TE 1-2299782-1	
PIN No.	ELECTRICAL INTERFACE
1	CAN HIGH
2	NODE ADDRESS 1
3	NODE ADDRESS 2
4	CAN LOW
5	CAN SHIELD(NOT INSTALLED)
6	WAKE
7	POWER - NEGATIVE
8	POWER - POSITIVE

Flow vs Delta P [bar]
Fluid: Tyfocor L 25 Vol.% | Fluid Temp: 45degC | Voltage: 50.5V | SW: C_2_0




Flow vs Input Electrical Power [W]
Fluid: Tyfocor L 25 Vol.% | Fluid Temp: 45degC | Voltage: 50.5V | SW: C_2_0
Input Electrical Power [W]
Flow [lpm]
Speed [rpm]
1000 rpm
2000 rpm
3000 rpm
4000 rpm
4500 rpm
5000 rpm
5250 rpm
5500 rpm
5750 rpm
6000 rpm
6250 rpm
6500 rpm
6750 rpm
7000 rpm
7250 rpm
7500 rpm
7600 rpm


Flow vs Overall Efficiency[%]
Fluid: Tyfocor L 25 Vol.% | Fluid Temp: 45degC | Voltage: 50.5V | SW: C_2_0
Overall Efficiency[%]
Flow [lpm]
Speed [rpm]
1000 rpm
2000 rpm
3000 rpm
4000 rpm
4500 rpm
5000 rpm
5250 rpm
5500 rpm
5750 rpm
6000 rpm
6250 rpm
6500 rpm
6750 rpm
7000 rpm
7250 rpm
7500 rpm
7600 rpm