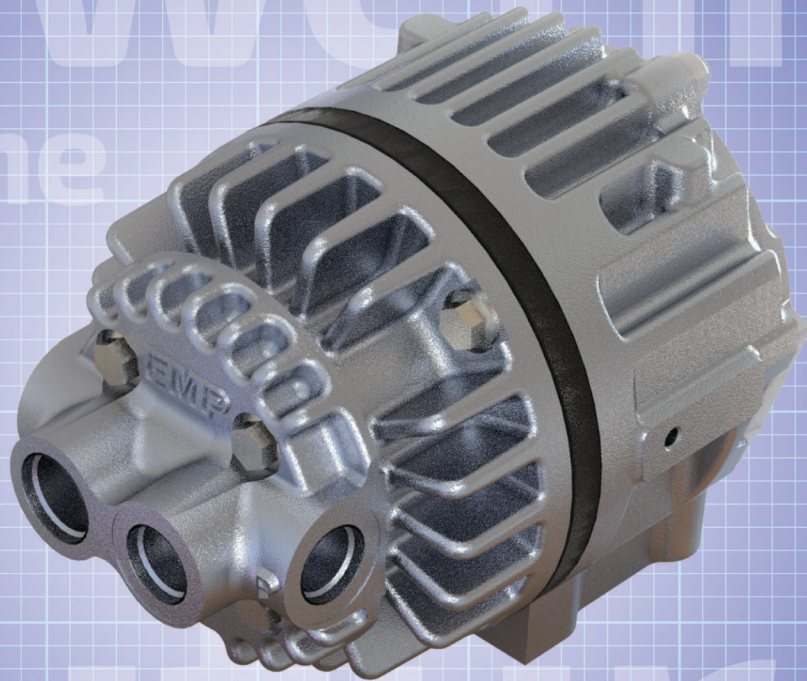


# Brushless DC Oil Pump



Powering  
the



FUTURE

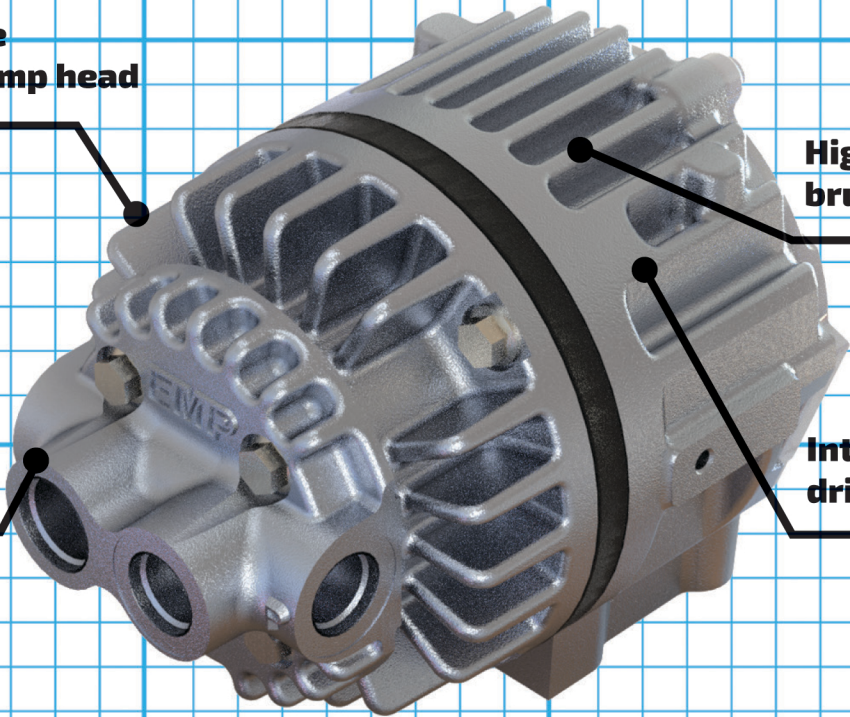


**Efficient positive displacement pump head**

**High efficiency brushless DC motor**

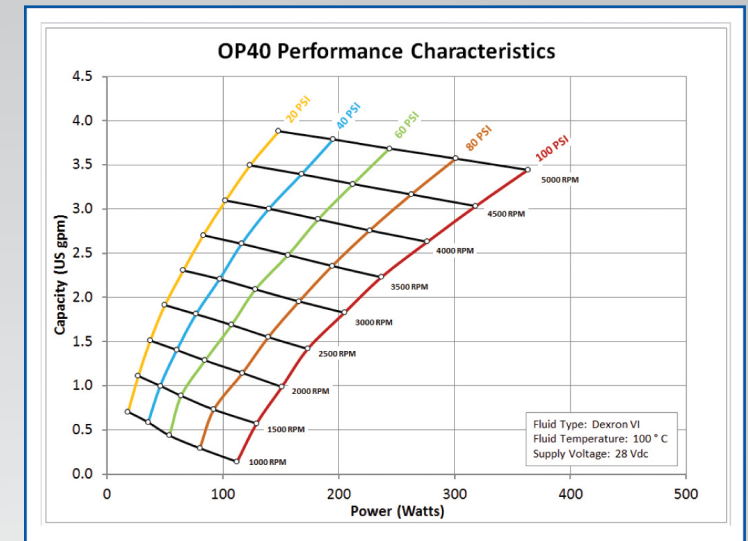
**All cast aluminum construction**

**Integrated motor drive controller**



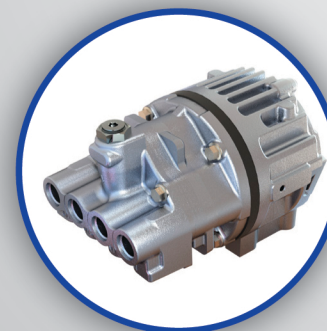
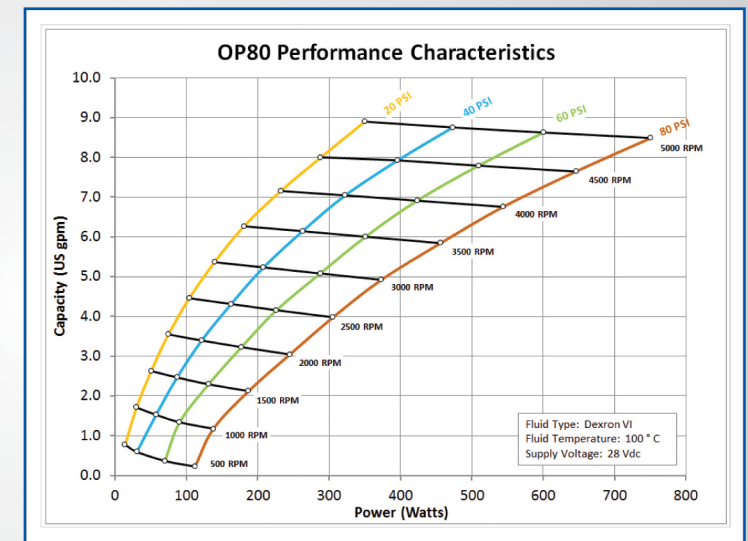
### OP40

Flow capacity up to 4.0 US gpm (15.1 lpm)  
Discharge pressure up to 100 psi (690 kpa)



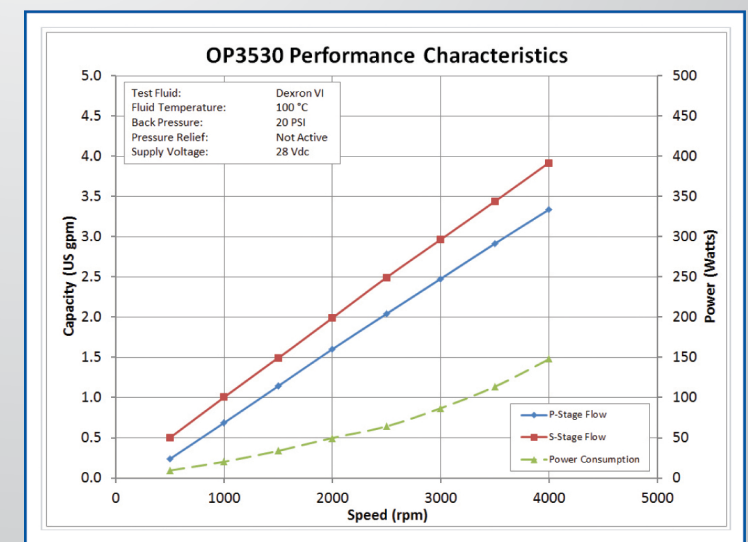
### OP80

Flow capacity up to 8.0 US gpm (30.3 lpm)  
Discharge pressure up to 80 psi (550 kpa)



### OP3530

Two-stage pump for a dry sump system  
Scavenge stage capacity up to 3.5 US gpm (13.2 lpm)  
Pressure stage capacity up to 3.0 US gpm (11.4 lpm)



## Oil Applications

- Lubrication
- Bulk transfer
- Cooling
- Circulation
- General oil management

## Brushless DC Oil Pump with SmartFlow™

The SmartFlow brushless DC oil pump (eOP) is a positive displacement gear pump featuring a brushless DC motor with an integrated motor drive controller. Using EMP's SmartFlow™ technology, the eOP has **best in-class performance for flow and pressure.**



Brushless DC motor and drive controller technology, available with 12 and 24 VDC



Sealed and fully submersible — IP69K rated



Fully controllable CAN or PWM - or - On/off single speed



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