

DWT Leader Pumps

Advanced Pump Products
for Delivering DEF to Create
a Clean Environment





DWT Group Pumps has been supplying high quality pump products for pumping Diesel Exhaust Fluid (DEF) for the European market since the inception of the use of AUS32. **DWT Group Pumps** are designed to comply with ISO 22241-3 standards and have been installed in many thousands of installations across Europe. **OEC Fluid Handling** is now introducing these pump products to the U.S. DEF market.



DWT Group Pumps are used to pump DEF from drums, totes, and aboveground or underground tanks. **DWT Group Pumps** provide high mechanical reliability along with chemical compatibility with DEF.

The **Blue Diver** submersible pump products are designed with exclusive inert gas filled motors with sealed lubricated bearings for life. This bearing design insures DEF product purity in case of motor failure.

Until the introduction of the **Diver Series** of submersible pumps, there has not been a high flow small diameter submersible pump for underground tank application. **Diver Series** pumps provide DEF flows at higher pressures for applications requiring multiple dispensing points or remote aboveground or underground tank installation.

DWT Group Self-Priming Pumps feature 304 stainless steel casing construction and impellers manufactured of polymers compatible with DEF. **Euroinox** pumps provide smooth flow and the higher pressures needed for dispensing DEF through lengthy hose and meter systems.



Contact **OEC Fluid Handling** for additional technical information and applications assistance.
Phone: 800-500-9311
www.oecfh.com

BLUE EUROINOX DEF Self-Priming

for Aboveground

Stainless Steel, Multi-Stage
(1 Ph, 115 Volt, 60 Hz)

30/506 M, 40/806 M



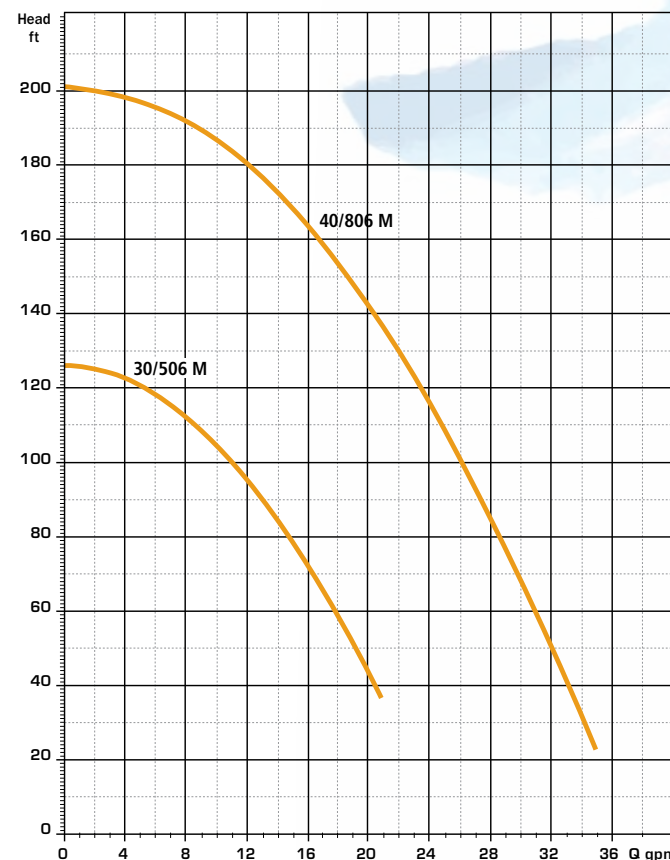
Applications

Diver Series self-priming pumps are designed for higher flows and pressures. Multi-stage monobloc pump constructed of 304SS, Viton o-rings and silicon carbide mechanical seal for long pump life. Impellers are made of Noryl with wear resistant stainless steel thrust ring.

Technical Data

- Liquid: DEF (Diesel Exhaust Fluid)
- Liquid temperature range: +32° F to +113° F
- Maximum ambient temperature: +104° F
- Installation: Fixed in a horizontal position
- Motor protection level: NEMA 4 (IP44)
- Terminal box protection: NEMA 4X (IP55)
- Overload protections: Built-in thermal and current overload protection.

BLUE EUROINOX Performance



BLUE DIVER DEF Submersible

for Underground

Non-Metallic, Multi-Stage
(1 Ph, 115 Volt, 60 Hz)

BD-750, BD-1000, BD-1200



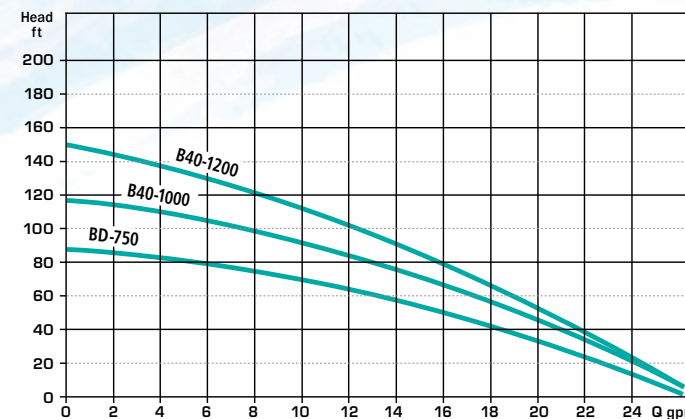
Applications

Powerful multi-stage submersible pumps with 2, 3 or 4 impellers. Used especially for supplying DEF from totes and storage tanks. Ideal for use in a submersible pump operation.

Technical Data

- Liquid: DEF (Diesel Exhaust Fluid)
- Liquid temperature range: +32° F to +113° F
- Maximum ambient temperature: +104° F
- Maximum operating pressure: 4.6 bar (64 PSI)
- Installation: Fixed in a horizontal or vertical position.
- Overload protections: Built-in thermal and current overload protection.

BLUE DIVER Performance



DIVER HF DEF Submersible

for Underground

Stainless Steel, Multi-Stage
(1 Ph, 115 Volt & 230 Volt, 60 Hz)

100 M, 200 M HF



Applications

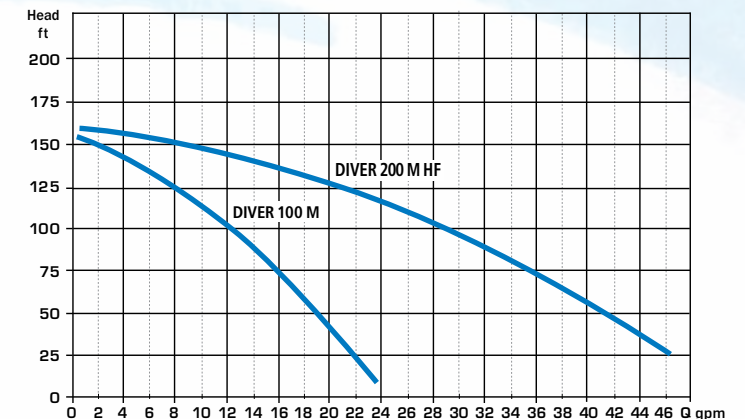
Multi-stage vertical centrifugal pump, featuring extremely silent running. Used especially for transferring DEF Urea solutions from underground storage tanks where higher discharge pressures are required.

Technical Data

- Liquid: DEF (Diesel Exhaust Fluid)
- Liquid temperature range: +32° F to +68° F
- Maximum ambient temperature: +104° F
- Maximum operating pressure: 160 ft Head (69 PSI)
- Overload Protections: Thermal and current overload protection in a separate Control Box.

See Accessories on back page

DIVER HF Performance



Specifications for Blue Diver, Diver HF, and Blue Euroinox Pumps

Pump Model	Volts	HP	Hd Ft	Max PSI	GPM	DNM	Impellers	D	H	L	Wt (lbs)
BD-750	115	0.5	85	37	25	1"	2	5.9"	13.8"	5.9"	16.5
BD-1000	115	0.75	118	52	25	1"	3	5.9"	14.8"	5.9"	19.1
BD-1200	115	1	152	68	25	1"	4	5.9"	15.7"	5.9"	19.8
Diver 100 M	115	1	155	66	21	1.25"	3	5.0"	19.0"	5.0"	25.35
Diver 200 M HF	230	2	160	69	46	1.25"	3	5.0"	24.0"	5.0"	34.17
30/506 M	115	0.5	126	55	20	1"	3	6.9"	7.6"	15.1"	23.5
40/806 M	115	1	201	87	35	1"	5	6.9"	8.0"	18.1"	33.7



For additional information, go to: DEFequipment.com



DEFequipment.com
800-500-9311



DWT Leader Pumps

DEF PUMP Accessories



Controller
#60148894



Controller
#60148895



DEF Controller
#SP3320 0002



Relief Valve
#0140-C01-ME0060



Part #	DEF Pump Accessories Descriptions	Power
60148894	Diver 100 Control Box Starter Box, 16 AMP	115V, 1Ph
60148895	Diver 200 HF Box Starter Box, 12 AMP	230V, 1Ph
SP3320 0002	DEF Controller, On/Off Flow Pressure Switch, 32 PSI	110V, 1Ph
0140-C01-ME0060	303 Stainless Relief Valve, 0.50" NPT, 60 PSI	



DEF Pump Selection Data

Go to www.DEFEquipment.com/DEF-Pump-Data-Form.htm to submit form online.

Date _____ Customer _____ Email _____
 Contact _____ Phone _____
 Address _____ Fax _____
 City _____ State _____ Zip _____

No. of Dispense Point(s): _____ Max. Points in use: _____ Pipe Size (In.): _____
 Flow required to each Dispense Point (GPM): _____

Line Elevation: _____ Tank: Aboveground Voltage: 115/1/60 Hose: Yes No
 (Distance from lowest point to highest point in line.) Belowground 208/1/60 Hose Length (Ft.): _____
 Tote 230/3/60
 Duty Cycle: _____ Drum 460/3/60 Hose ID (In.): _____

Fill out and fax to: **864-573-9299**, or mail a copy to: **OEC Fluid Handling, Inc., P. O. Box 2807, Spartanburg, SC 29304**