

DAB Leader Pumps

Advanced Pump Products
for Delivering DEF to Create
a Clean Environment





DAB 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. **DAB 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.



DAB Group Pumps are used to pump DEF from drums, totes, and aboveground or underground tanks. **DAB 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.

DAB 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
 115V / 1 Ph / 60 Hz

30/506 M, 40/806 M



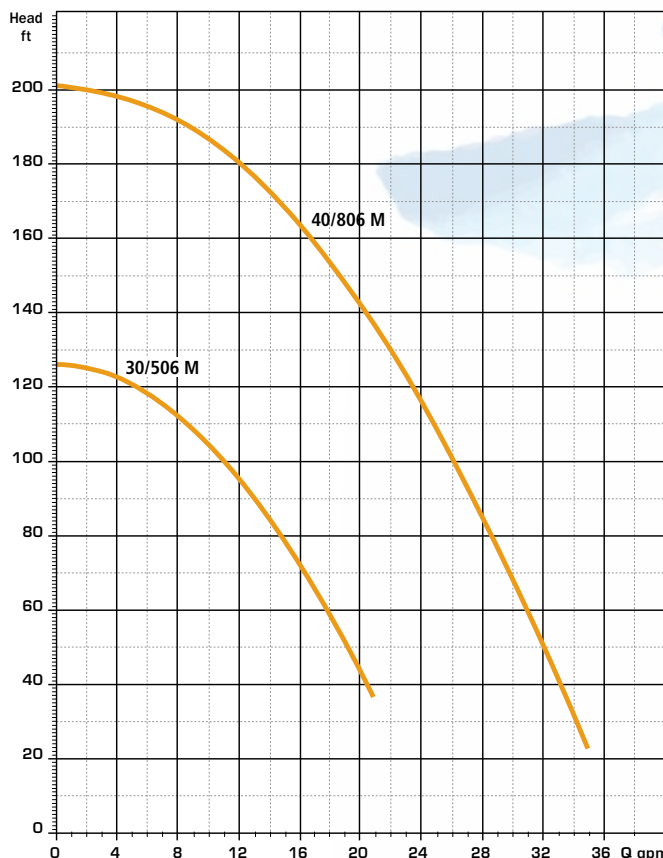
Applications

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 +90° 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



For additional information, go to: DEFequipment.com

BLUE DIVER DEF Submersible

for Above or Underground

Non-Metallic, Multi-Stage
115V/1Ph/60 Hz

BD-750, BD-1000, BD-1200

Applications

Powerful multi-stage submersible pumps with 1, 2 or 3 impellers. Used especially for supplying DEF from aboveground or underground storage tanks.

Technical Data

- Liquid: DEF (Diesel Exhaust Fluid)
- Liquid temperature range: +32° F to +90° 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.



DIVER HF DEF Submersible

for Underground

Stainless Steel, Multi-Stage
100 M: 115V/1Ph/60 Hz
200 M HF: 230V/1Ph/60 Hz
200 T HF: 230V/3Ph/60 Hz

100 M, 200 M HF, 200 T HF

Applications

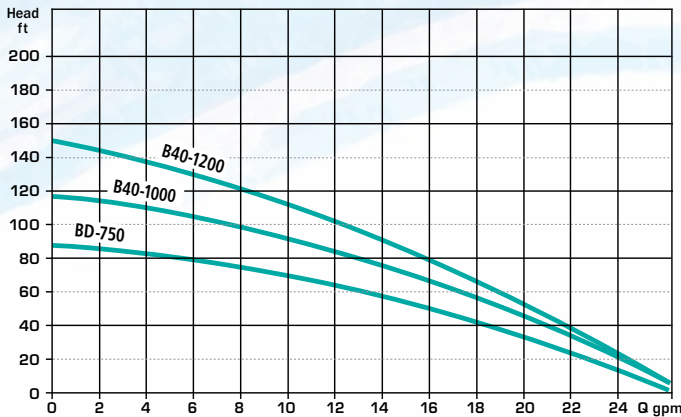
Multi-stage vertical centrifugal pump, featuring extremely silent running. Used especially for supplying DEF from underground storage tanks. Ideal use for larger multiple points.

Technical Data

- Liquid: DEF (Diesel Exhaust Fluid)
- Liquid temperature range: +32° F to +90° 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.

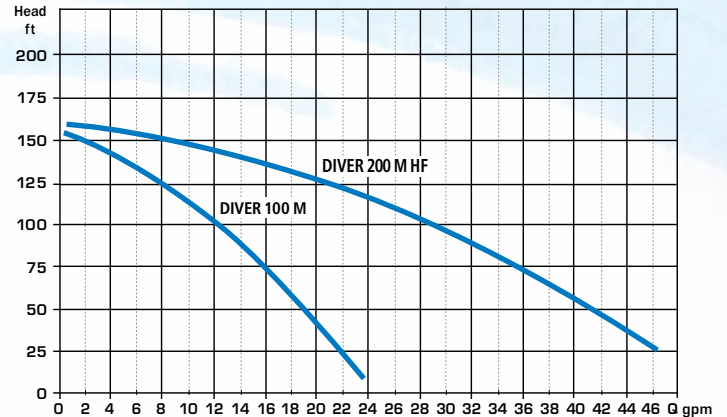


BLUE DIVER Performance



DIVER HF Performance

See Accessories on back page



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"	1	5.9"	13.8"	5.9"	16.5
BD-1000	115	0.75	118	52	25	1"	2	5.9	14.8"	5.9"	19.1
BD-1200	115	1	152	68	25	1"	3	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

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DEF PUMP Accessories



Controller
60148894



Controller
60148895



3-Phase Controller
60161782



Relief Valve
K11EWA01-E



Part #	DEF Pump Accessories	Power
60148894	100 M Controller, 16 AMP	115V/1Ph
60148895	200 HF Controller, 12 AMP	230V/1Ph
60161782	3-Phase Controller	230V Coil
K11EWA01-E	Stainless Relief Bypass Valve, 1" NPT	



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 230/1/60 Hose Length (Ft.): _____
 Tote 230/3/60
 Duty Cycle: _____ Drum 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**