

DAB Leader Pumps



BLUE EUROINOX DEF Horizontal Pump

Self-Priming, Stainless Steel, Multi-Stage
115V / 1Ph / 60 Hz

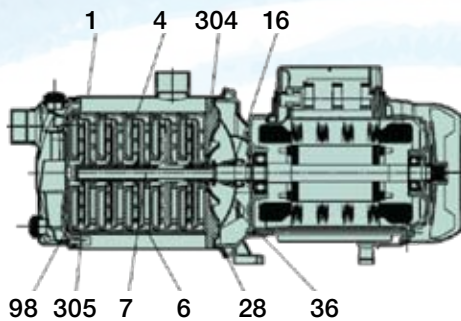


Applications

Multistage horizontal centrifugal pump, featuring extremely silent running. Used especially for transferring DEF solutions from storage tanks or totes where higher discharge pressures are required.

Technical Data

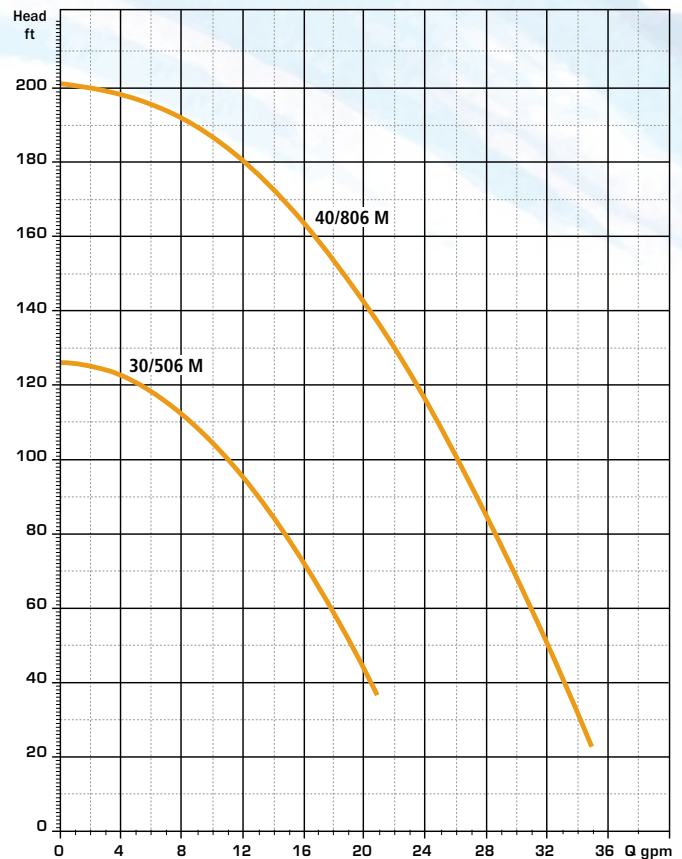
- Liquid: DEF (Diesel Exhaust Fluid)
- Liquid temperature range: +32° F to +90° F
- Maximum ambient temperature: +104° F
- Maximum operating pressure: 8 bar (116 PSI)
- Installation: Fixed in a horizontal position.
- Motor protection level: NEMA 4 (IP44)
- Terminal box protection: NEMA 4X (IP55)
- Overload protections:
Built-in thermal and current overload protection.



No.	Description	Materials
1	Pump Body	AISI 304, Stainless Steel
4	Impeller	Technopolymer
6	Diffuser	Technopolymer
7	Shaft with Rotor	AISI 304, Stainless Steel
16	Mechanical Seal	Carbon / Ceramic
28	O'Ring	Viton
36	Seal Holder Cover	AISI 304, Stainless Steel
98	Diffuser Body	Technopolymer
304	Rear Disk	Technopolymer
305	Front Disk	Technopolymer

Models	D (in)	H (in)	L (in)
30/506 M	6.9"	7.6"	15.1"
40/806 M	6.9"	8.0"	18.1"

BLUE EUROINOX 30/506 M & 40/806 M

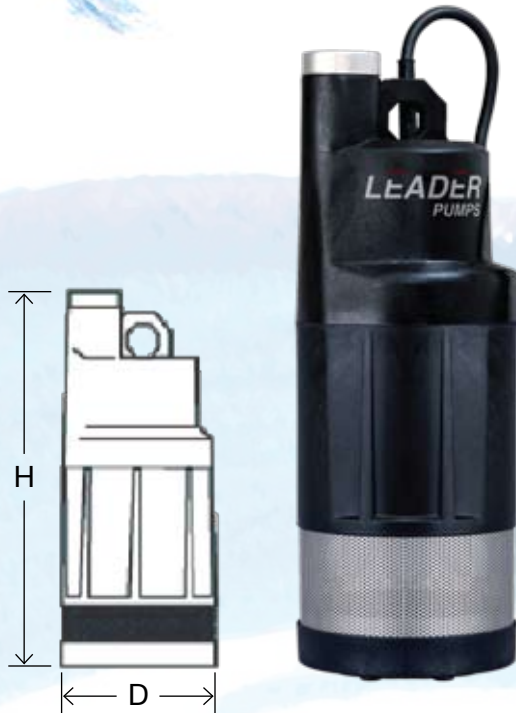


DAB Leader Pumps



BLUE DIVER DEF Submersible Pump

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



Technical Data

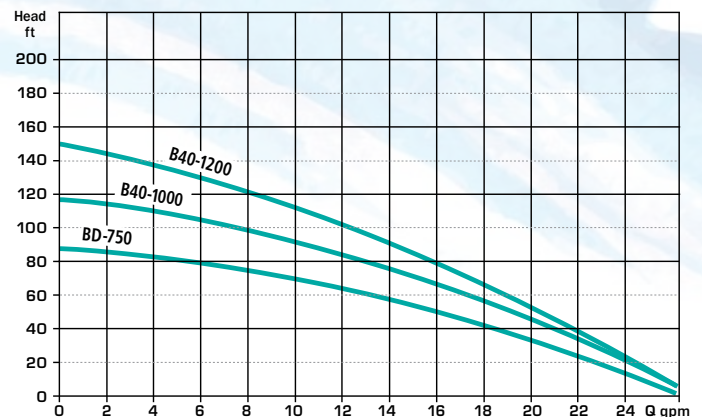
- Liquid: DEF (Diesel Exhaust Fluid)
- Liquid temperature range: +32° F to +90° F
- Maximum ambient temperature: +104° F
- Maximum operating pressure: 4.6 bar (64 PSI)
- Installation:
Fixed in a horizontal or vertical position.
- Overload Protections:
Built-in thermal and current overload protection.

Applications

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

The **BLUE DIVER** is manufactured with high grade materials that are compatible with 32.5% UREA solution (DEF). These high grade materials ensure that the quality and performance of DEF is maintained and will not adversely affect the SCR (Selective Catalytic Reduction) systems found on all of today's diesel engines. Proper handling and dispensing equipment materials are necessary for DEF to remain ultra pure and ensure correct operation of the SCR system.

BLUE DIVER BD-750, BD-1000, BD-1200



Models	BD-750	BD-1000	BD-1200
HP	0.5	0.75	1
Hd Ft	79	118	157
Max PSI	35	52	64
GPM	25	25	25
Discharge	1"	1"	1"
Impellers	1	2	3
Voltage	115	115	115
D (in)	5.9"	5.9"	5.9"
H (in)	13.8"	14.8"	15.7"
Weight (lbs)	16.5	19.1	19.8

DAB Leader Pumps



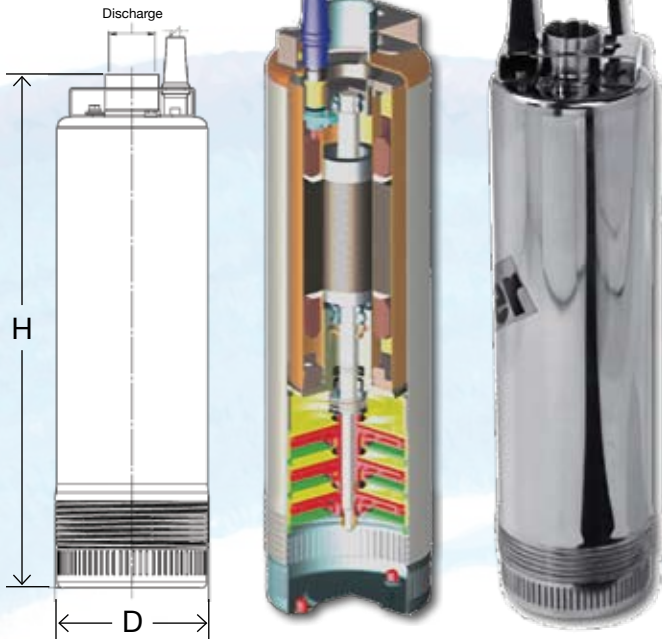
DIVER HF DEF Submersible Pump

Stainless Steel, Multi-Stage

100 M: 115V/1Ph/60 Hz

200 M HF: 230V/1Ph/60 Hz

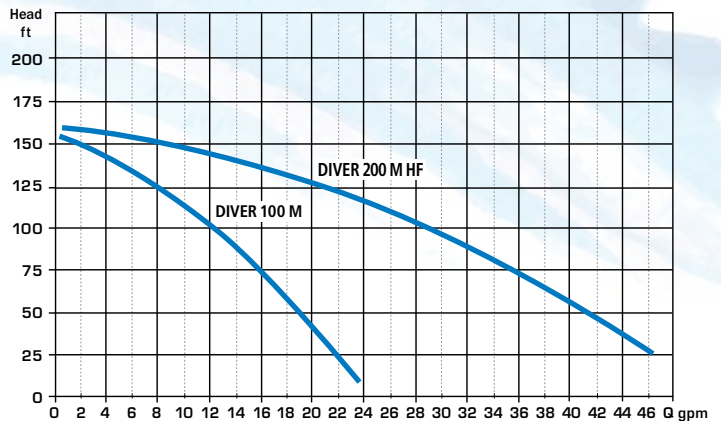
200 T HF: 230V/3Ph/60 Hz



Technical Data

- Liquid: DEF (Diesel Exhaust Fluid)
- External sleeve in AISI 304 stainless steel
- Liquid temperature range:
+32° F to +90° F (0° C to +35° C)
- Maximum ambient temperature: +104° F
- Maximum operating pressure: 160' Head ft (69 PSI)
- Single phase version requires an external capacitor for start-up. See protection control boxes (to be ordered separately).
- Maximum starts per hour: 30

DIVER HF 100 M & 200 M HF



Applications

Powerful multi-stage submersible pumps. Used especially for supplying DEF from underground and aboveground storage tanks. Ideal use for large multiple dispense points.

Model	100 M	200 M HF
Item Code	60148888	60148893
HP	1	2
Control Box	60148894	60148895
Voltage	115V	230V
Stages	3	3
KW	1.1	2.1
Cable Length	33'	33'
Service Factor	1.4	1.25
D (in)	5.0"	5.0"
H (in)	19.0"	24.0"
Discharge	1.25"	1.25"
1PH Weight (lbs) (Pump & Motor)	25.75	34.25

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	