

UNIBLOC[®]-PD TRUCK PUMP SERIES



02-10

Design

The **UNIBLOC[®]-PD** Truck Pump Series features a revolutionary Pumping design to meet today's demanding Transport/Trucking needs for the food, beverage and chemical industries. Flowtech Div, A UNIBLOC[®]-PUMP Inc. Company, has manufactured the **UNIBLOC[®]-PD** Series according to strict sanitary (hygienic) guidelines to meet **3A, EHEDG, USDA** and **FDA** requirements. The design incorporates ease of maintenance and cleanability. Complete pump features include:

- **Fully Stainless Product Contact Wet End**
All product contact materials are FDA approved 316/316L Stainless and is crevice free for easy cleaning. Minimal tools are required for maintenance of pump head. Pump designed for dual directional flow.
- **Multiple Rotors Available**
All rotors are of 316L Stainless Materials. Two options are available: Bi-Lobe and Tri-Lobe Designs (**NEW**). Rotors can be easily removed and installed for cleaning and maintenance.
- **Multiple Shaft Seals Available**
Multiple Shaft Seals options are available with NO CHANGES REQUIRED TO THE PUMP. Seals are all FRONT LOADED for easy maintenance. Simply remove front cover, rotor bolts and rotors for access to the seals. Seal options include: the durable O-LIP Seal, O-Ring Seals and Single Mechanical Seals (**NEW**). Replaceable Shaft Sleeves are standard for low repair cost and easy maintenance.
- **Pump Gearbox**
The pump gearbox is **permanently lubricated** gearbox and includes a drain and vent for servicing, if required. Gearbox is available in powder coat white or hard coat anodized for a long lasting and durable life.
- **Drive Options Available**
Multiple drive shafts are available for pump to be driven hydraulically (Char-lynn or Danfoss) or electrically (PTO).
- **Mounting Options Available**
Pump can be mounted for either Horizontally or Vertically porting with no extra parts required.
- **Porting Options Available**
Optional ports are available upon request. Available ports include: Tri-Clamp, ACME Thread, BSP, DIN, NPT, Camlock, Flanged, and more.
- **Relief Valve Options Available**
Multiple design food grade relief valve covers are available upon request. Please contact a Flowtech representative for additional information.

Technical Specifications

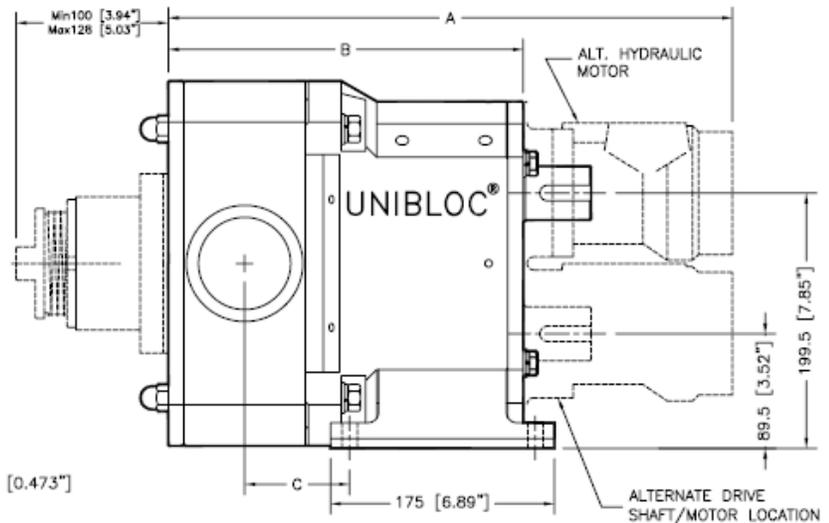
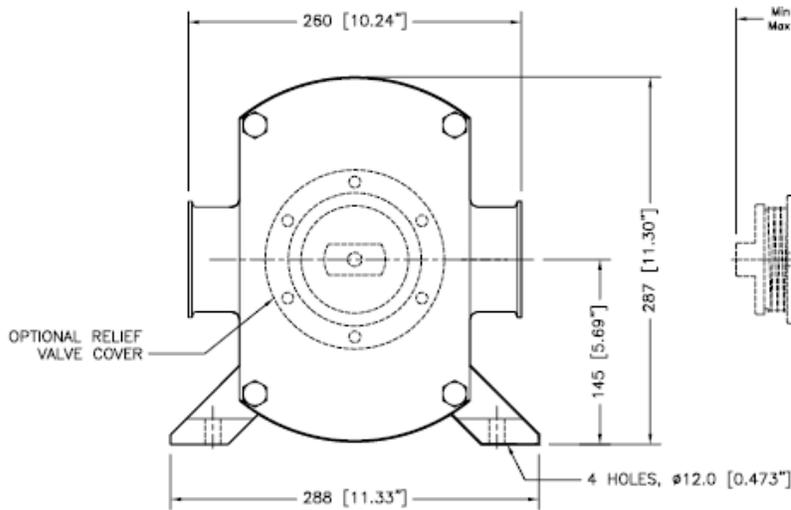
UNIBLOC® Size	501	551	576, 3"	576, 4"
Max Capacity, GPM(LPM)	177 (670)	228 (863)	253 (958)	253 (958)
Max Pressure, PSIG(Bar)	250 (17)	250 (17)	200 (13)	200 (13)
Max Speed (RPM)	800	800	800	800
Weight, lbs (kg)	112 (51)	120 (55)	131 (60)	131 (60)



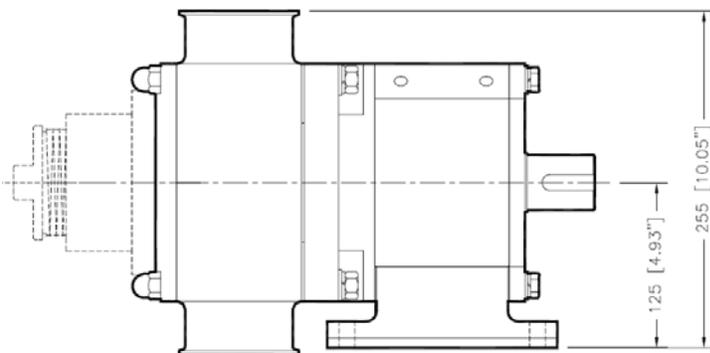
BI-LOBE ROTOR DESIGN TRI-LOBE ROTOR DESIGN

General Dimensions

Please contact a Representative for additional information



Pump shown in horizontal position.



Pump shown in Vertical Position

Dimensions in (mm)

UNIBLOC® Size	501	551	576, 3" & 4"
Port Size	2.5"	3.0"	3.0" or 4.0"
A-PTO	12.4" (314)	13.0" (330)	13.7" (349)
A-Charlynn	18.5" (470)	19.1" (486)	19.9" (505)
A-Danfoss	16.7" (425)	17.4" (441)	18.1" (460)
B	10.3" (261)	10.9" (277)	11.7" (296)
C	2.9" (74)	3.2" (82)	3.6" (92)

04/2010

Distributor/Agent:



Patents Pending
 Technical changes without notice
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FLOWTECH DIV.

UNIBLOC®-PUMP, INC. USA

1701 SPINKS DRIVE ° MARIETTA, GA 30067-8925
 PHONE: (770) 218-8900 ° FAX: (770) 218-8442
 www.flowtechdiv.com ° email: info@flowtechdiv.com