



Our full drum pump line offers electric, air and rechargeable models

Your easy, reliable and economical way to remove fluids from containers!

Designed For Any Operation:

- **Serving general industrial, laboratory, and hygienic markets**
- **Sealless design with up to 30 minutes run-dry capability**
- **Heavy duty construction for long working life**
- **Convenience features designed in**
- **Simple assembly and low cost easy maintenance**

APPLICATIONS

Emptying containers, vats, drums and carboys. Easily handles a wide range of chemicals from strong acids and caustics to severe solvents to oils. The 27" length is used in carboys, 35 1/2" length is used for drums (55 gallons U.S.), the 40" is used for standard European drums and the 47" is used for vats and large containers. Not recommended for viscosities over 3500 SSU. Polypropylene (16400-series) and Stainless Steel (16410-series) drum pumps are designed to handle a wide range chemicals. Hygienic models can handle food and beverage applications. USDA approved.

The Kynar (16520-series) model is our most chemically resistant drum pump, enabling you to handle a wider range of chemicals.

Our Laboratory (23650-series) drum pumps, which have lower flow and less head capacity, are designed specifically for service in the shop and laboratory.

TECHNICAL DATA

PUMP MODEL NO.	16400-3350	16410-3350
FLOW (5 Ft. Head)	25 GPM	25 GPM
PORT SIZE	1" Slip-on Hose	1" Slip-on Hose
TUBE MATERIAL/DIA.	Polypropylene / 2"	Stainless Steel / 2"
IMPELLER	Semi-open Centrifugal Type	Semi-open Centrifugal Type
SHAFT	Carpenter 20	316 Stainless Steel
SEAL	Sealless	Sealless
SIZE (Height x Width x Length)	2 1/2" x 2 1/2" x 39" (35 1/2")	2 1/2" x 2 1/2" x 39" (35 1/2")
WEIGHT (Approx.)	2 3/4 lbs.	7 1/2 lbs.

Variations Available
 Model 16400-3270 - 27" long
 Model 16400-3400 - 40" long
 Model 16400-3470 - 47" long

Variations Available
 Model 16410-3270 - 27" long
 Model 16410-3400 - 40" long
 Model 16410-3470 - 47" long

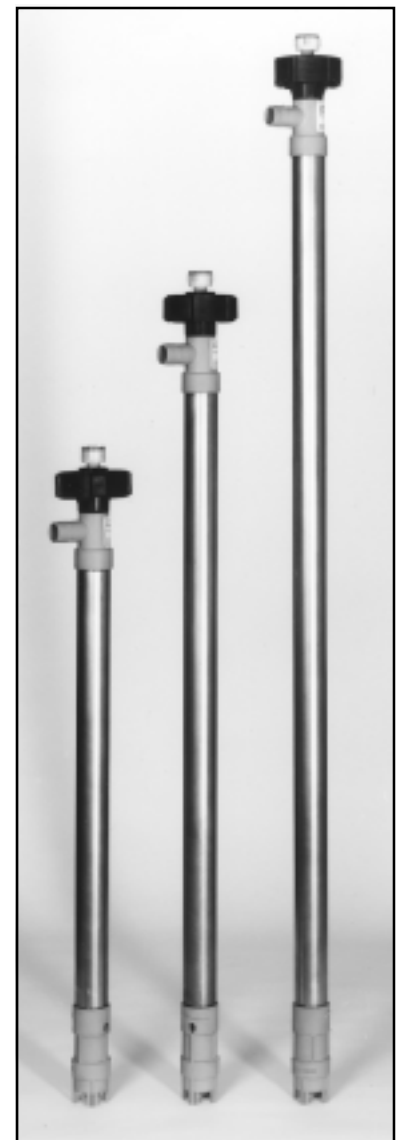
PUMP MODEL NO.	16510-3350	16520-3350
FLOW (5 Ft. Head)	25 GPM	25 GPM
PORT SIZE	1" Slip-on Hose	1" Slip-on Hose
TUBE MATERIAL/DIA.	Hygienic Stainless Steel / 2"	Kynar / 2"
IMPELLER	Semi-open Centrifugal Type	Semi-open Centrifugal Type
SHAFT	316 Stainless Steel	Hastelloy C
SEAL	Sealless	Sealless
SIZE (Height x Width x Length)	2 1/2" x 2 1/2" x 39" (35 1/2")	2 1/2" x 2 1/2" x 39" (35 1/2")
WEIGHT (Approx.)	7 1/2 lbs.	2 3/4 lbs.

Variations Available
 Model 16510-3270 - 27" long
 Model 16510-3400 - 40" long
 Model 16510-3470 - 47" long

Variations Available
 Model 16520-3270 - 27" long
 Model 16520-3400 - 40" long
 Model 16520-3470 - 47" long

FEATURES

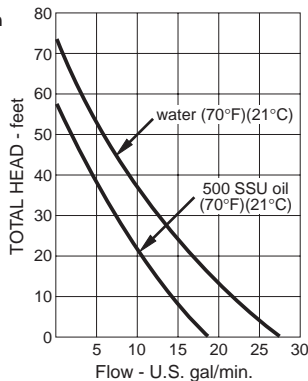
Heavy duty construction for resistance to rough handling. Seal-less design for 30 minute run-dry capability. Large motor handle and on-off switch, manual reset circuit breaker and self aligning coupling make pump easy to use. Modular construction, efficient design, simple disassembly and assembly lower maintenance costs. Individual selections of pump tube and motor must be made.



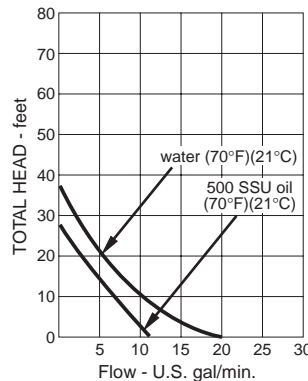
16400-series, 16410-series, 16510-series and 16520-series

Head vs. Flow Chart

Pump tube with electric motor.



Pump tube with air motor operating at 80 psi inlet air pressure to motor.



For Metric conversion of performance and dimensions, refer to Engineering Data.



Explosion hazard. Pumps with AC motors can spark. Do not use where flammable vapors are present. Failure to follow warning can result in property damage, personal injury or death.

TECHNICAL DATA

MOTOR MODEL NO.	16420-0115
MOTOR TYPE	115 Vac, 60Hz, 1 Phase, Guarded Enclosure
RATING	600 Watts / 3/4HP
SPEED	10,600 RPM
SWITCH	Oversized Rocker Switch
OVERLOAD PROTECTION	Manual Reset Circuit Breaker
CORD	16 Feet of Oil Resistant Cord
SIZE (Height x Width x Length)	5" x 5" x 10 3/8"
WEIGHT (Approx.)	7 1/2 lbs.

Variation Available
Model 16420-0220 – 230 VAC, 50Hz, 1 Phase, 540 watts

MOTOR MODEL NO.	16440-0000
MOTOR TYPE	Air Motor, 15 cfm at 80 psi Supply Pressure
RATING	0.36 HP
SPEED	8000 RPM
INLET VALVE	1/4 Turn Bronze, 1/8" Diameter NPT
SIZE (Height x Width x Length)	5 1/8" x 1 3/4" x 5 3/4"
WEIGHT (Approx.)	1 3/4 lbs.

PUMP MODEL NO.	23650-0500 (Laboratory)
FLOW (5 Ft. Head)	8 GPM
PORT SIZE	3/4" Slip-on Hose
TUBE MATERIAL/DIA.	Polypropylene / 1 1/4"
IMPELLER	Axial Flow
SHAFT	Hastelloy C
SEAL	Sealless
SIZE (Height x Width x Length)	2 1/2" x 2 1/2" x 21"
WEIGHT (Approx.)	2 1/4 lbs.

Variation Available
Model 23650-1000 - 39 1/2" long

MOTOR MODEL NO.	23640-9115 (Laboratory)	23790-9000 (Laboratory)
MOTOR TYPE	115 Vac, 60Hz, 1 Phase, Guarded Enclosure	Rechargeable
SWITCH	Oversized Rocker Switch	Toggle Type
OVERLOAD PROTECTION	Manual Reset Circuit Breaker	
CORD	16 Feet of Oil Resistant Cord	Charger Included
SIZE (Height x Width x Length)	5" x 8" x 10"	2 1/2" dia. x 11"
WEIGHT (Approx.)	4 1/2 lbs.	3.0 lbs.



16420-series
16440-0000

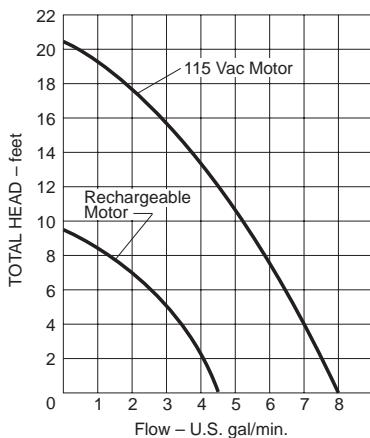


23640-9115
23650-series



23790-9000

Head vs. Flow Chart



For Metric conversion of performance and dimensions, refer to Engineering Data.

Accessories for 16000-series Drum Pumps



Adjustable Nozzle
18753-0077



Storage Bracket
16470-0000



Drum Adaptor
18753-0080



Ground Wire
16471-0000



Strainers
polypropylene - 16490-1000
Tefzel - 16490-1001



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