

HIGH VISCOSITY DRUM PUMPS

FPUD500 Pump Motors



- ✓ Pump Tube and Motor Supplied Separately for Maximum Flexibility
- ✓ 316 SS or Sanitary Polished 316 SS Pump Tubes Available
- ✓ TEFC or Air Driven Motors
- ✓ For Fluids up to 15,000 cps Viscosity and 1.8 Specific Gravity

OMEGA® FPUD500 Series high viscosity drum pumps can empty a wide variety of containers in various applications. The pump tube and motor are constructed modularly and supplied separately for maximum flexibility.

Motor types available are 115 or 230 Vac, continuous duty, totally-enclosed fan-cooled (TEFC); and air driven. All motors listed as 115 Vac can be rewired for 230 Vac operation; all motors listed for 230 Vac can be rewired for 208 or 460 Vac operation. The Hz rating and number of phases CANNOT be changed in the field.

All Vac powered units include a 3.6 m (12'), three-wire cord and built-in ON/OFF switch.

The FPUD531 air motor has a 1/4" female end fitting, while the FPUD532 and FPUD533 air motors have a 1/2" female end fitting for hooking up to a customer-supplied air hose, and includes a regulator valve and muffler. An optional air lubricator/filter assembly is also available if your air source is not filtered and lubricated.

When pumping flammable or combustible materials, or working in explosive environments, use an air motor with a stainless steel tube and FPUD5-SK static protection kit.



FPUD531 air motor, shown smaller than actual size.

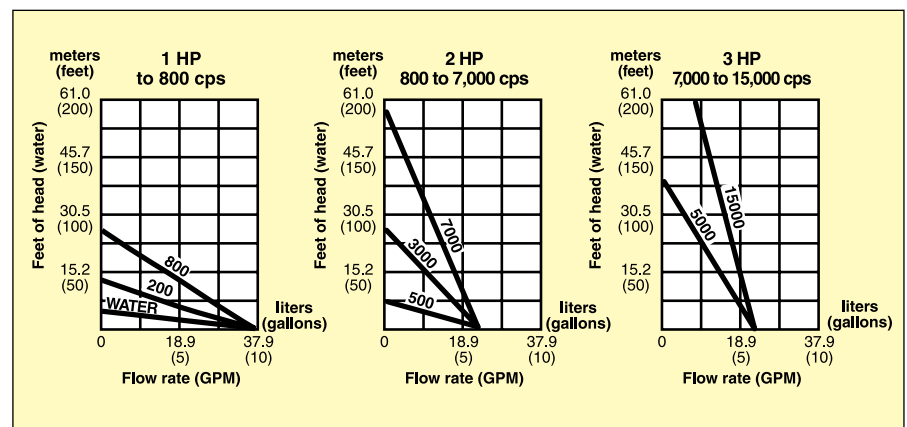
FPUD5 Series pump tubes are rated up to 93.3°C (200°F), 15,000 cps viscosity and 1.8 specific gravity. Refer to the performance curve graph for flow rate vs. discharge head data.

All pump tubes have graphite-PTFE seals with PTFE internals. Outlet connections are 38 mm (1 1/2") ID hose.

** For CE certified models, see order chart on next page.

CAUTION: DO NOT USE AN AIR MOTOR WITHOUT THE FPUD5-SK STATIC PROTECTION KIT

Performance Curves



Pump Motors

CUSTOM MODELS BUILT TO ORDER!

To Order							
Model No.	HP	RPM	Power	Phase	Hz	Type	Weight kg (lb)
FPUD511	1	3450	115/230 Vac	1	60	TEFC	23.2 (51)
FPUD512*	2	1725	115/230 Vac	1	60	TEFC	40.5 (89)
FPUD513*	3	1725	115/230 Vac	1	60	TEFC	46.3 (102)
FPUD521	1	3450	230/460 Vac	3	60	TEFC	15.9 (35)
FPUD524	2	1725	230/460 Vac	3	60	TEFC	25.0 (55)
FPUD525*	3	1725	230/460 Vac	3	60	TEFC	36.8 (81)
FPUD531**	1	3000	air motor	N/A 100 psi @ 70 cfm	N/A	N/A	9.6 (21)
FPUD532**	2	3000	air motor	N/A 100 psi @ 125 cfm	N/A	N/A	12.7 (28)
FPUD533**	3	2500	air motor	N/A 100 psi @ 70 cfm	N/A	N/A	18.6 (41)

* Too heavy for UPS shipment; use other motor freight.

**CE certified

FPUD5-S40,
316 SS pump
tube shown
smaller than
actual size.

Accessories for Pump Motors

Model No.	Description
FPUD345-FL	Filter-lubricator assembly for FPUD531
FPUD53-FL	Filter-lubricator assembly for FPUD532/533
FPUD5-SK	Anti-static kit for air motors

Pump Tube (316 SS with 316 SS Shaft)

To Order			
Model No.	Tube OD	Tube Length m (ft)	Shipping Weight kg (lb)
FPUD5-S40	2"	1.0 (3.3)	5.0

Accessories for Pump Tube

Model No.	Description
FPUD5-SS	316 stainless steel inlet strainer
FPUD5-PDA	51 mm (2") IPS polypro drum adaptor
FPUD5-SDA	51 mm (2") IPS 316 SS drum adaptor
FPUD5-GDA	51 mm (2") IPS galvanized steel drum adaptor

Comes complete with operator's manual. AC powered pumps also include power cord.

Ordering Examples: FPUD532, air motor, FPUD5-SK, anti-static kit, and FPUD5-S40, pump tube.

FPUD511, 115 Vac motor, FPUD5-S40, 316 SS tube.

