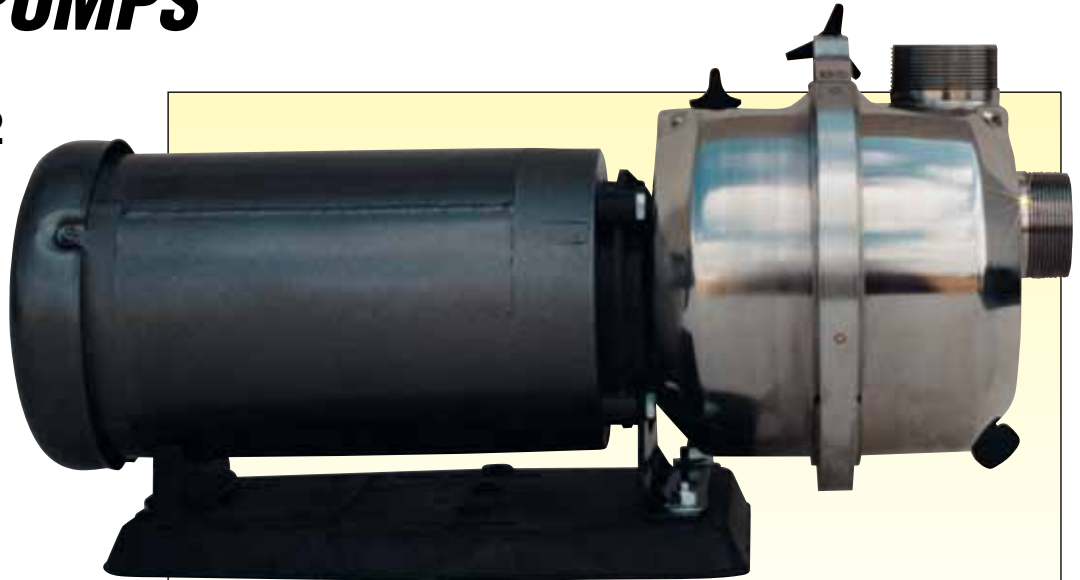


# CLOSE-COUPLED OR PEDESTAL MOUNT PUMPS

## FPUCSS302



FPUCSS302 shown smaller than actual size.

- ✓ Flows to 643 LPM (170 GPM)
- ✓ Fast, High Lifts to 7.6 m (25')\*
- ✓ Self-Flushing Volute
- ✓ Built-In Check Valve

The OMEGA® FPUCSS300 Series pump features 316 SS housings with polypropylene internals suitable for water, saltwater, and chemical service. Fasteners of 316 SS with a 304 SS external clamping band (on the housing) are standard. Choose EPDM (standard), FKM, or Buna-N O-rings.

\* Based on water-like liquids at 21°C (70°F) after initial priming of pump housing at 60 Hz.

### SPECIFICATIONS

- Port Size:** Combination 1½" female and 2" male NPT threaded suction and discharge ports  
**Internal Fasteners:** 18-8 SS  
**Clamping Band:** 304 SS band clamps the housing halves securely; releases quickly for access to pump internals  
**Mechanical Shaft Seal:** Self-lubricating ceramic and carbon faces with 316 SS case and spring  
**Gaskets:** EPDM standard; FKM or Buna-N optional  
**Built-In Check Valve:** Prevents backflow and allows faster starts

### Maximum Temperature/Pressure:

For all FPUCSS302 pumps in all configurations, maximum temperature is 54°C (130°F) at up to 33 psig maximum pressure

**Wetted Parts:** EPDM O-rings standard FKM and Buna-N opt; 18-8 SS internal fasteners and 316 SS shaft; self-lubricating carbon/ceramic mechanical seal with 316 SS sealed case and spring std; 316 SS housing, glass-reinforced polypropylene internals  
**Suction Lift:** 7.6 m (25') after initial priming, based on water at 21°C (70°F) with 60 Hz motor

**Dimensions:** 533 mm (21") overall length with motor; 241 mm (9.5") overall height

FPUCSS Series with 3-Phase, 230/460 Vac, 60 Hz, TEFC 3450/RPM Motor **CUSTOM MODELS BUILT TO ORDER!**

To Order							
Model No.	Shipping Weight kg (lb)	Maximum S.G.	Maximum Outlet Pressure @ Maximum Flow (Ft. H <sub>2</sub> O)	Maximum Flow Rate LPM/GPM	TDH M (Ft.)	HP Std./Opt.	
						60 Hz	50 Hz
FPUCSS302	31.4 (69)	1.0	10	536/170	22 (72)	3	1.7

### Accessories

Model No.	Description
FPUCSS300-BP	Baseplate kit: includes coupling guard, shims, screws, nut, washers and epoxy-painted steel baseplate
FPUCS100-SC	Coupling from 19 mm (¾") pump shaft to 16 mm (5/8") NEMA 56 motor shaft

Comes with complete operator's manual.

Close-coupled units are mounted to a polypropylene baseplate. Includes internal check valve and 304 SS housing clamp.

For cast iron pedestal-mounted pump head without motor, baseplate or coupling, add suffix "-PED". Subtract cost from standard price [ship weight is 9.5 kg (21 lb)]. To change EPDM to Buna-N or FKM O-rings, add suffix "-B" or "-V" to model number for additional cost for FKM, no additional cost for Buna-N. For 50 Hz motor, please specify "- (Voltage) (Phase)/50 Hz". No additional cost.

**Ordering Examples:** FPUCSS302, stainless steel pump and FPUCSS300-BP, base plate kit.