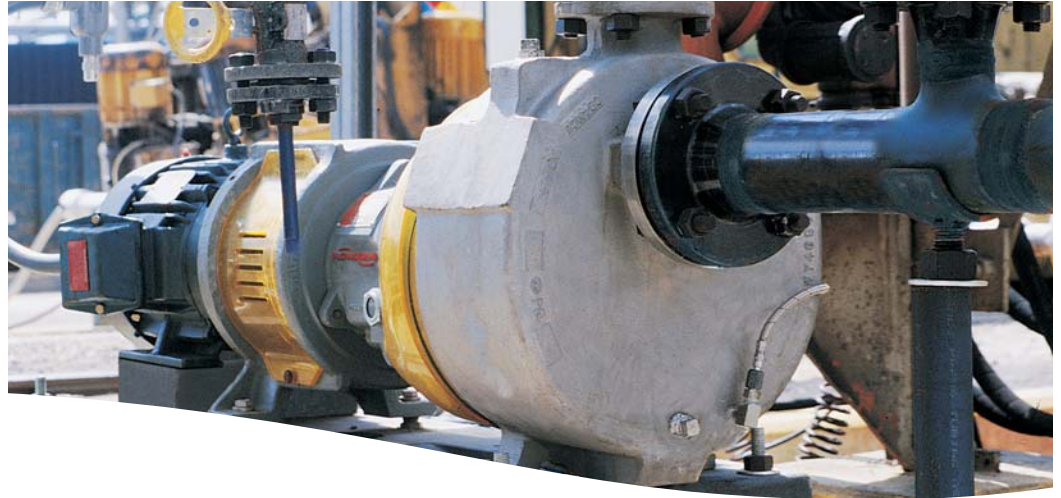




# Superior Performance... Maximum Cost Efficiency

## Switch to Flowserve Self-Priming Pumps

*Flowserve Durco Mark 3 and IDP CPXP self-priming pumps eliminate the costs and hassles of vertical down-hole pumps*



### **No Crane, No Chain, No Pain, YOUR GAIN.**

No vertical submerged pump performs as well as the Mark 3 Self-Priming and CPXP pumps, but that's not all of the story. It's the savings that are really impressive.

- **Lower initial costs**  
Shorter configurations, more economical motors
- **Easier, less costly installation**  
Pump location high and dry above the sump with no costly superstructure
- **Maintenance savings**  
No cranes, chains or eight-man crews  
Only two men with hand tools at grade
- **Less downtime**  
Pump repair in place without moving the motor or disturbing the piping
- **Preventive maintenance**  
Inspections and preventive maintenance without shutting down or pulling the pump



▲ *Typical submerged pump maintenance crew*

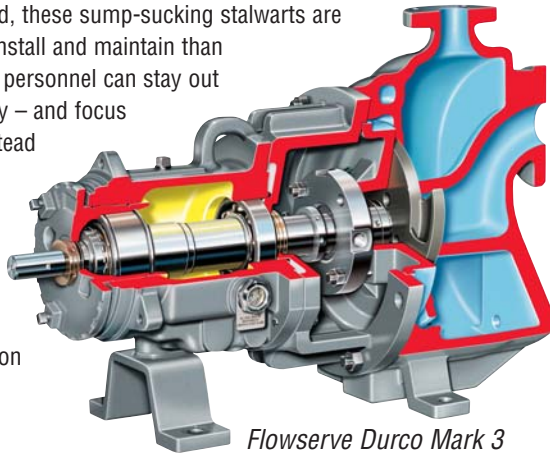
◀ *Typical self-priming maintenance crew*

### Install It and Forget It

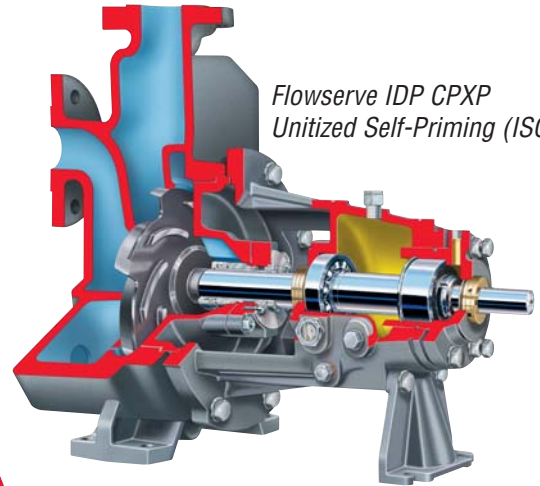
For more than 30 years, Flowserve self-priming pumps have been rescuing plant operators from aggravating attacks on performance and untimely failures. Engineered to draw liquid from sources below ground level unaided, these sump-sucking stalwarts are more economical to buy, install and maintain than submersible pumps. Plant personnel can stay out of the sump – high and dry – and focus on valued-added tasks instead of bad actor pumps.

### Applications

- Sump service
- Tank car unloading
- Marine and river extraction
- Wastewater and effluent
- Fly ash pond transfer
- Waste acid transfer
- Vessel transfer
- Dewatering
- Lift stations
- Waste treatment



Flowserve Durco Mark 3  
Unitized Self-Priming (ANSI)

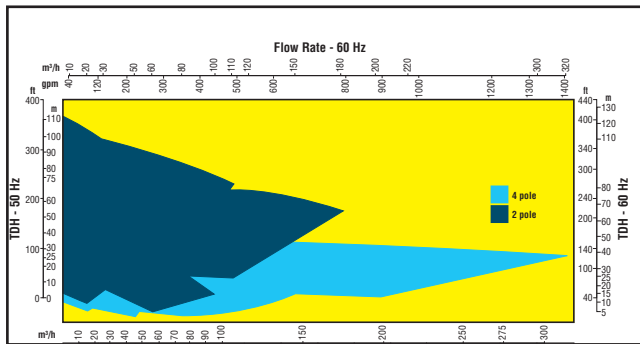


Flowserve IDP CPXP  
Unitized Self-Priming (ISO)

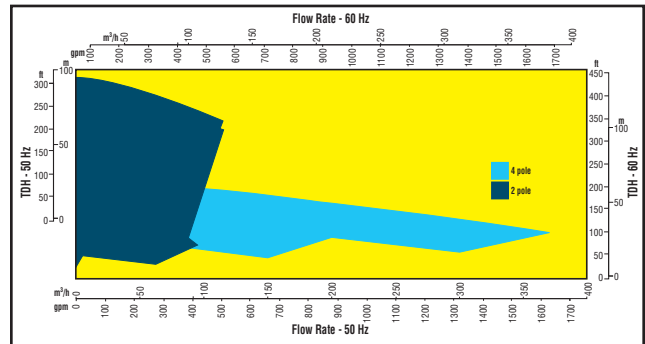
### Design Parameters

- Flows to 320 m<sup>3</sup>/h (1400 gpm)
- Heads to 130 m (425 ft)
- Pressures to 25 bar (365 psi)
- Temperatures to 370°C (700°F)
- Static suction lift to 6 m (20 ft)
- Magnetic drive configurations
- Material choices include cast steel, stainless steels, Hastelloy® C and fiber-reinforced plastic

### Mark 3 Self-Priming Range Chart



### CPXP Range Chart



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#### To find your local Flowserve representative:

For more information about Flowserve Corporation, visit [www.flowserve.com](http://www.flowserve.com) or call USA 1 800 728 PUMP (7867)

#### USA and Canada

Flowserve Corporation  
5215 North O'Connor Blvd.  
Suite 2300  
Irving, Texas 75039-5421 USA  
Telephone: 1 937 890 5839

#### Europe, Middle East, Africa

Flowserve Corporation  
Via Rossini 90/92  
20033 Desio (Milan), Italy  
Telephone: 39 0362 6121  
Telefax: 39 0362 303396

#### Latin America and Caribbean

Flowserve Corporation  
Boulevard del Cafetal  
Edificio Ninina, Local 7  
El Cafetal - Caracas  
Venezuela 1061  
Telephone: 58 212 985 3092  
Telefax: 58 212 985 1007

#### Asia Pacific

Flowserve Pte. Ltd.  
200 Pandan Loop #06-03/04  
Pantech 21  
Singapore 128388  
Telephone: 65 6775 3003  
Telefax: 65 6779 4607