



# *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*

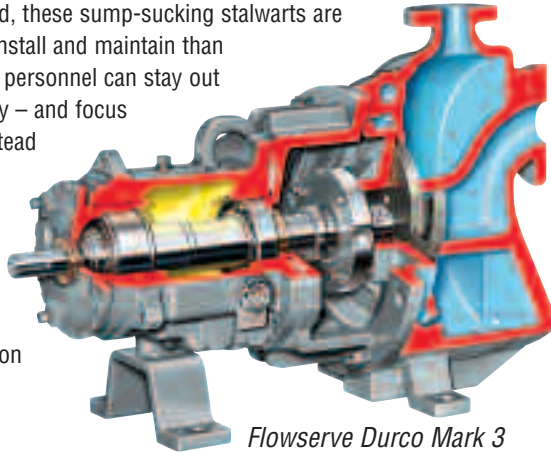
***Experience In Motion***

### Install It and Forget It

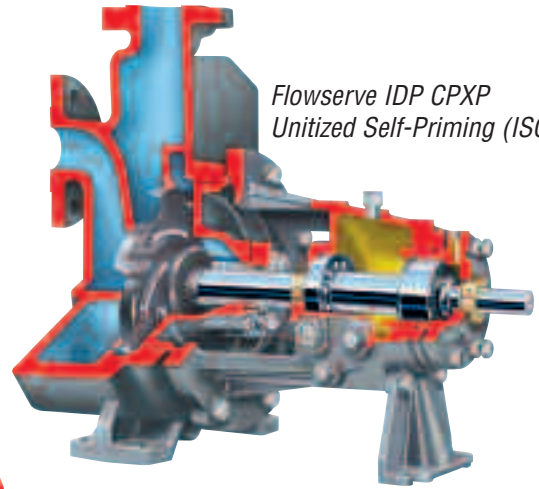
For more than 30 years, Flowserve self-priming pumps have been rescuing plant operators from aggravating attacks on performance and untimely failures. Engineered to draw liquid from sources below ground level unaided, these sump-sucking stalwarts are more economical to buy, install and maintain than 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)

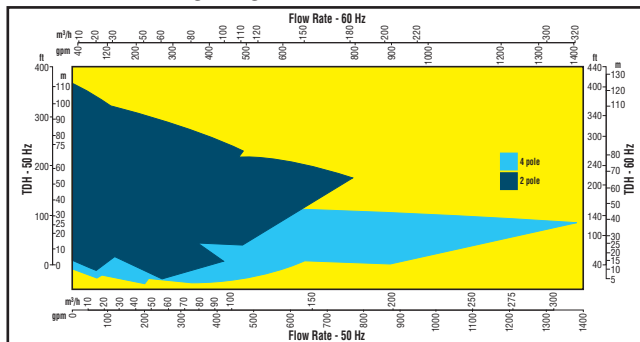


Flowserve IDP CPXP  
Unitized Self-Priming (ISO)

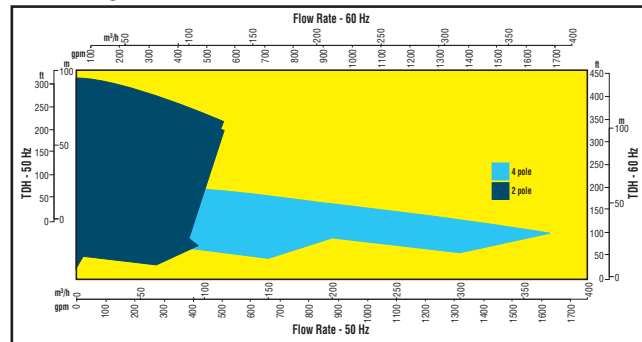
### Design Parameters

- 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:

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