

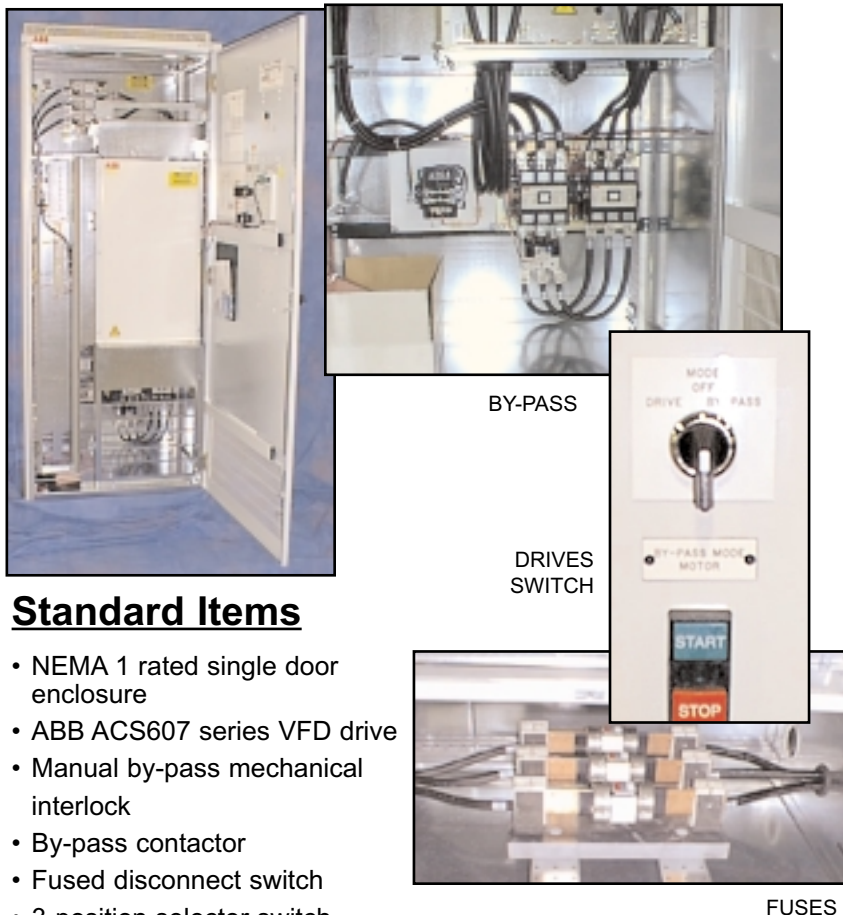
# WASTEWATER PUMP DRIVE WITH BY-PASS SYSTEM

## 100 HP Variable Frequency ABB ACS607 Drive with By-Pass Contactor

### Overview

- If you have a pump system that can't afford down time, consider upgrading to our ABB drive system with by-pass. Should your operator controls malfunction or you experience drive problems, by using a selector switch you can keep your pump on line by diverting power directly to the motor through the by-pass contactor system.

Controlling your pump motor is a state-of-the-art, digitally controlled ABB ACS607 Direct Torque Control 100 HP drive mounted inside a NEMA 1 single-door enclosure. The by-pass contactor is mounted inside the enclosure and is fused for protection. There is also an overload between the contactor and your motor for added motor protection. The system comes to you ready to run with the start/stop and speed regulation pot (via the drive CDP interface panel), a by-pass selector switch and by-pass mode motor start/stop button mounted on the door of the enclosure. At the top of the system is a main power disconnect switch for added convenience. If you choose to use remote operator controls, there is a terminal strip inside the enclosure for your interconnect wiring.



### Standard Items

- NEMA 1 rated single door enclosure
- ABB ACS607 series VFD drive
- Manual by-pass mechanical interlock
- By-pass contactor
- Fused disconnect switch
- 3-position selector switch
- Control transformer
- Motor protection

### Optional Items

- Specific customer requests
- Installation assistance
- Training by a certified technician
- Remote operator control console
- Load side Line Reactor for line filtering of long motor lead runs
- Larger or smaller horse power ratings

### How to Order

Call your friendly sales representative for a customized quote today!

Delivery 4 to 5 weeks ARO

### Features & Benefits

- **Programmable parameters built into the drive -**  
*Configurable digital and analog I/O to customize your application*
- **Fieldbus communication protocol -**  
*An "MMI" can be used to control the drive*
- **By-Pass system -**  
*Allows you to keep running if the drive or operating system fails*

**GALCO** ISO 9001:2000  
INDUSTRIAL ELECTRONICS Certified

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