



## ABBA Pump Parts & Service

### Dry-Pit Submersible Retrofit - FAQ's

Since our first announcement, we've received many inquiries for our retrofit dry-pit submersible solution - we thank you.

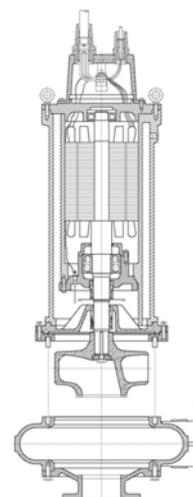
We were also asked many good questions...**a selection of FAQ's are below:**

**Q. What type of motors do you use?**

A. We use Yeomans Chicago or ABS closed loop cooled dry-pit submersible motors.

**Q. What hp and rpm ranges can you cover and are these motors FM rated for Class I, Division 1 Groups C & D environments?**

A. We currently use either Yeomans Chicago or ABS closed loop cooled motors. The Yeomans motors go up to 200 HP but are not explosion proof rated in the dry-pit application. The ABS motors go up to 300 HP and are available with explosion proof rating (FM rated for Class I, Division 1 Groups C & D environments).



**Q. Can you send me a price sheet?**

A. Our units are custom designed and will vary in specifications from job to job. In contrast to the OEM, each dry-pit submersible installation by ABBA is a retrofit of an existing pump and its specs & construction detail will be driven by the current pump design and installation dimensions.

**Q. How will the price of a complete replacement with submersible motor compare to pricing from the OEM?**

A. At first glance, our price may not be dramatically less than the OEM. HOWEVER it's important to take into account the cost savings associated with the ABBA retrofit: no need to involve engineering, no piping changes, no base or foundation modifications, simple low cost installation. We provide a drop-in replacement with the same installation dimensions as the existing pump, eliminate the flexible drive shaft and upgrade to a closed loop cooled submersible motor. Everything matches up perfectly and provides full protection against station flooding.

**Q. Is the ABBA retrofit rotating assembly cheaper than a rotating assembly from the OEM?**

A. In most cases our rotating assembly with dry-pit submersible motor will be priced competitively with that of the OEM. HOWEVER our motors are closed loop cooled vs. others that are sewage cooled (that tend to have clogging problems) and cost for the CLC feature is usually a little higher than for a sewage cooled motor.

**Q. Can ABBA provide just a drop-in retrofit rotating assembly to fit the existing pump volute and suction cover?**

A. Yes. We provide the rotating assembly with adapter flange to match the existing volute. If we have the existing volute details, it's pretty simple. If it's a pump that we do not have all the details on then we need to have the old rotating assembly lifted out of the volute for a half hour and some dimensions taken of the volute mounting flange and the distance from the volute mounting flange down to the suction wear surface.

This is a pretty simple job and can be done in 2 - 3 hours from start to finish.

**Q. Is there a PDF version of this info I can use to email to my customers?**

A. Yes. We have prepared a single sheet promoting the benefits of our retrofit dry-pit submersible rotating assembly and it is available on request.

I hope you find this information useful. If you have any other questions or would like a quote on converting a conventional dry-pit pump to a dry-pit submersible, please feel free to contact me directly.

**ABBA Pump Parts & Service**  
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