**TABLE OF CONTENTS**

[1. About This Document 2](#_Toc505778331)

[2. Requirements 2](#_Toc505778332)

[3. Instructions to add Sigma-5-SD component to SigmaWin+ 3](#_Toc505778333)

[4. Instructions to download a motor file to a Sigma-5-SD SERVOPACK 4](#_Toc505778334)

[Appendix A: Sigma-5-SD Component Detailed Installation 10](#_Toc505778335)

# About This Document

This document is intended for end users of Sigma-5-SD Series products. It describes how to add the Sigma-5-SD component to SigmaWin+ Ver. 5.75 or above, and how to download a motor file to the SERVOPACK.

# Requirements

* SigmaWin+ Ver. 5.75 or above must be installed.
* Sigma-5-SD Component installer downloaded from Yaskawa website.
* Motor File downloaded from Yaskawa website and matches part number of motor to be used.
* Contact Yaskawa if trying to connect to an EtherCAT SERVOPACK.

# Instructions to add Sigma-5-SD component to SigmaWin+

* Verify requirements on section 2 are met.
* Run the Sigma-5-SD component installer. The installer’s name is **SWFVSD100\_SetupE.exe**.
* After successfully installing this component, it will appear next time SigmaWin+ is executed.
* Execute SigmaWin+ and verify Sigma-5-SD module can be seen as in the following:

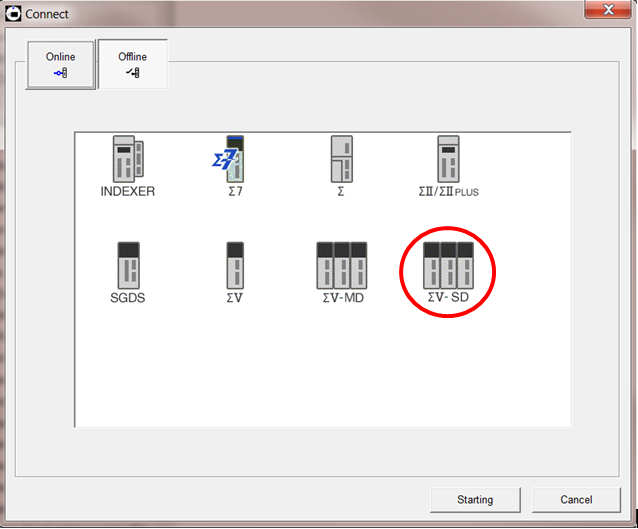
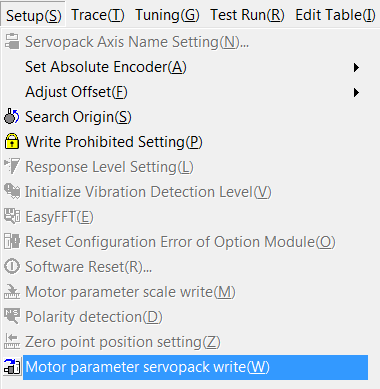


Figure - Sigma-5-sd module added to sigmawin+

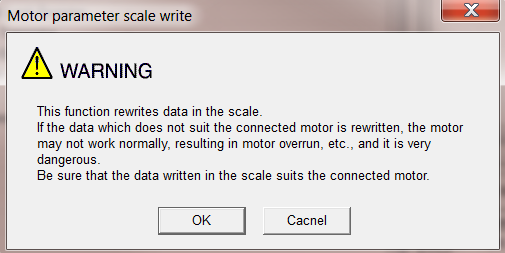
* If the Sigma-5-SD module was installed correctly as in Figure 1, then SigmaWin+ is ready to be connected to any Sigma-5-SD SERVOPACK.
* If the Sigma-5-SD module cannot be seen as in the figure above, try installing the component again following instructions on Appendix A.

# Instructions to download a motor file to a Sigma-5-SD SERVOPACK

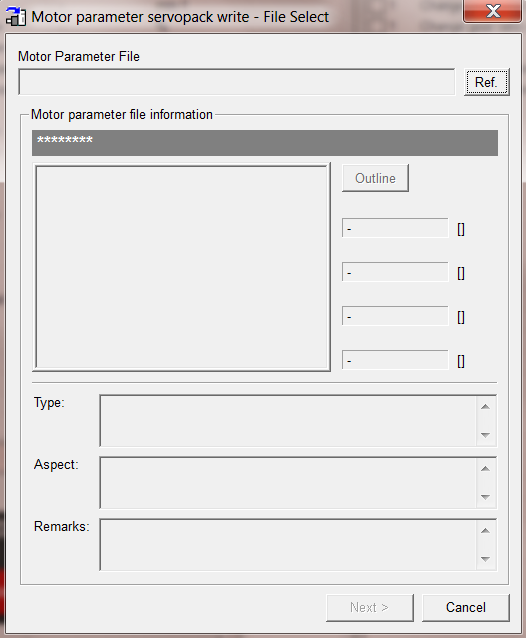
* Make sure only control power (24V) is being supplied to the converter and inverter.
* Using Yaskawa USB cable, connect the SERVOPACK to SigmaWin+ Ver. 5.75 or above.
* Once connected, select Setup(S) from the menu bar and click on “Motor parameter servopack write(W)”



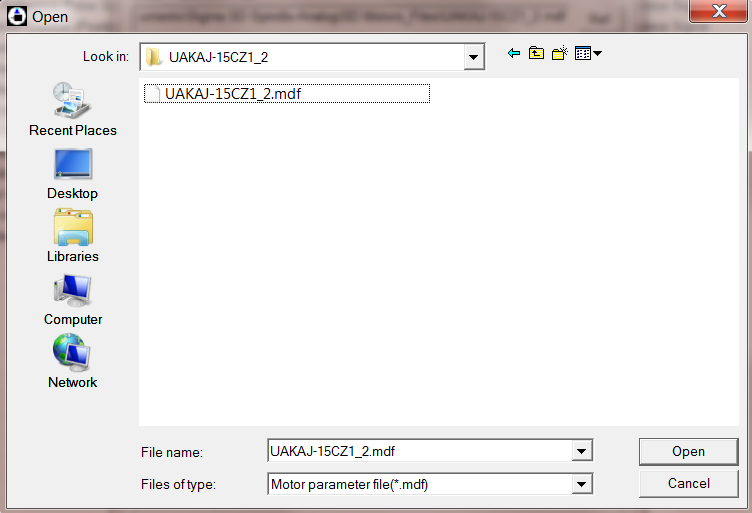
* Select “OK” on the next screen to start reading information from the SERVOPACK



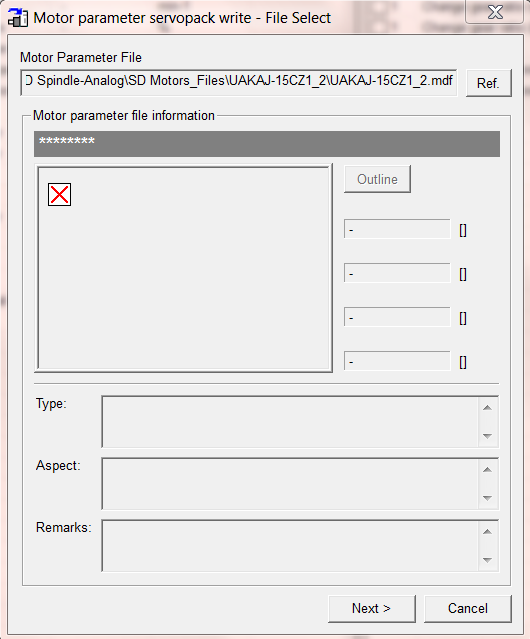
* In the Motor parameter servopack write – File Select window, select Ref.



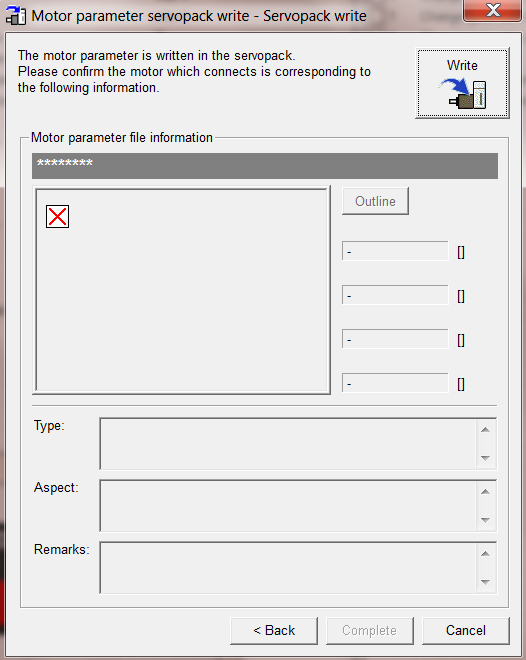
* Select the motor file to be downloaded to the SERVOPACK and click on Open.



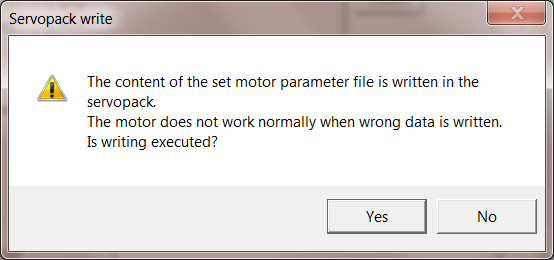
* Make sure the motor file matches the motor installed, and then click on next.



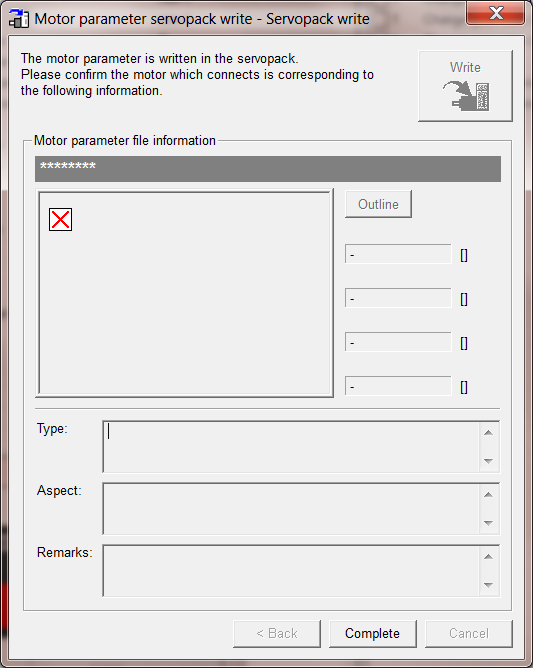
* Click on write to download the motor file to the SERVOPACK.



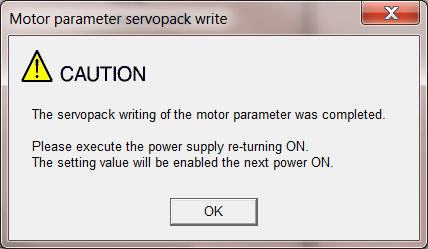
* Click on Yes on the warning message, and the motor file would be downloaded to the SERVOPACK.



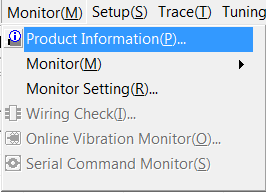
* Click on Complete on the next screen to confirm the completion of the procedure.



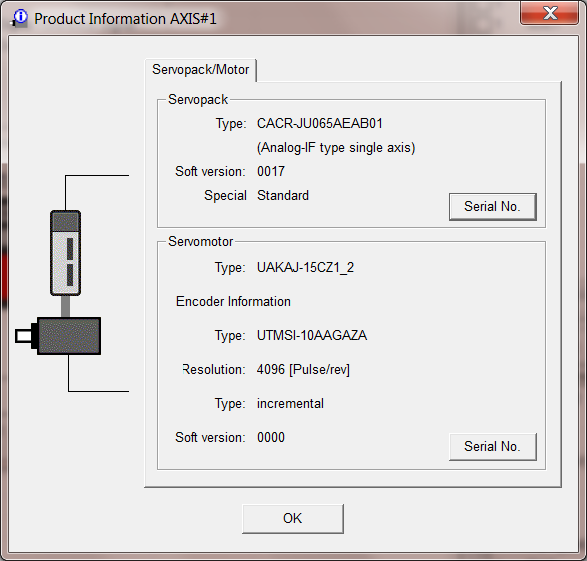
* Click on OK on the CAUTION message.



* Turn off and on the control power (24V) being supplied and the download procedure is now complete.
* To verify that the motor file has been downloaded successfully, open SigmaWin+.
* SigmaWin+ would normally be connected to the Sigma-5-SD SERVOPACK at this point, if not reconnect to the drive.
* Go to Monitor(M), then Product Information(P)



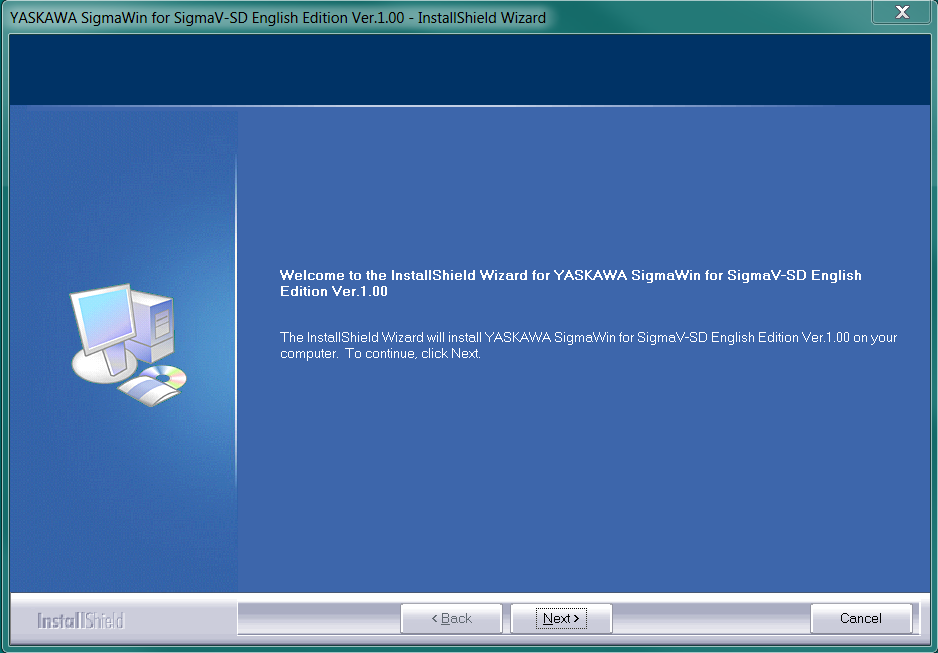
* In the following popup screen, verify that motor type matches the part number of the installed motor.



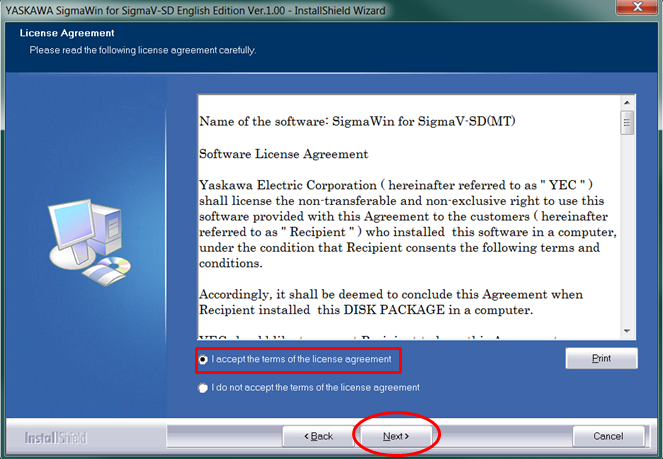
* If the motor type matches, then the download procedure has been done successfully; otherwise, the motor file downloaded to the drive is for a different spindle motor than the one installed. If that is the case, then download the right motor file and follow this procedure again.

1. Sigma-5-SD Component Detailed Installation

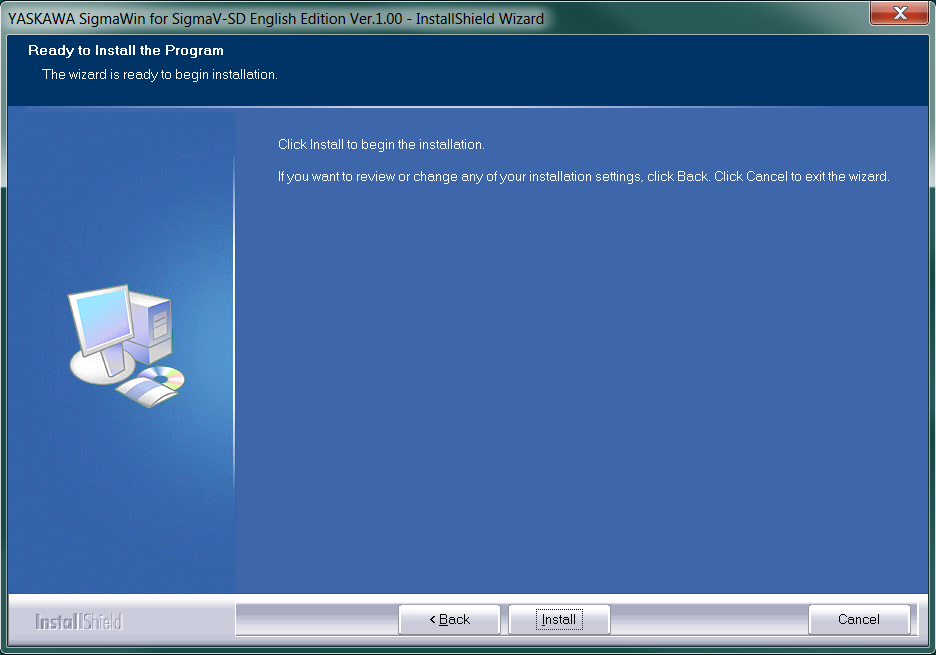
* Make sure Sigma-5-SD installer’s name is **SWFVSD100\_SetupE.exe.**
* Run **SWFVSD100\_SetupE.exe.\**
* Click on Next on the following installation screen:



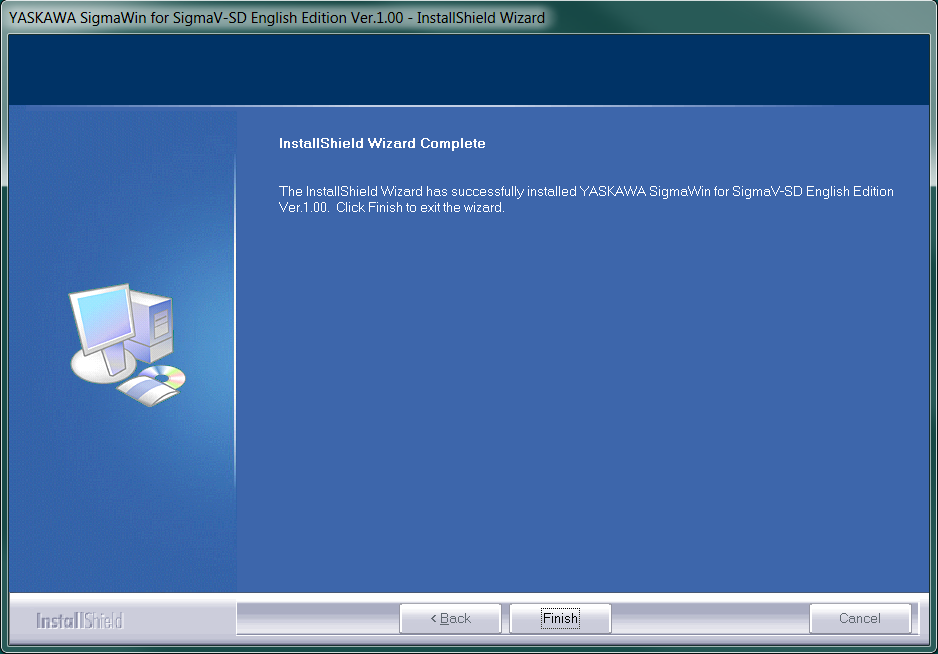
* Accept the terms of the license agreement and click on Next.



* Click on Install and wait a few seconds for the installation to be completed.



* Click on Finish to finalize the installation



* After successfully installing this component, it will appear next time SigmaWin+ is executed.