



M1.7 – Detailed Product and Service Training on SEW Servo Gear motors

SEMINAR DESCRIPTION

The seminar is mainly geared towards Mechatronics maintenance staff that service or repairs SEW servo gear motors on a daily basis. Focal points are an introduction to the different types of motors and suitable brake and brake controls and to give detail maintenance information with which they can identify the cause of the fault replace the spare parts and ensure correct disassembly and subsequent assembly of the motor & brake to reduce the machine downtime.

Why this course? –

To improve and to enhance SEW product knowledge in terms of service and maintenance so that unexpected shut downs can be minimized and further higher productivity can be achieved, this is a definite advantage, since the training combines the manufacturers expertise with customer specific requirement in terms of service.

Target group: - Mechatronics maintenance and repair engineers

Seminar Objectives : The participants Knows basic maintenance and repair aspects of SEW Servo gear motors and brake system and can be able to handle replacement of all the parts of SEW servo gear motors and can also do the adjustment in brake system independently. Can find out the fault, determine the cause of failure and reassembled the motor correctly.

Benefits :

Improve Servo Gear motor performance & enhancement of maintenance Knowledge of all kind of SEW Servo Gear motor products , reduce the cost of Ownership and stay competitive in the industry.

Requirements: Service/ Maintenance engineer, qualified technician, electro mechanic or Electrician

Location: SEW Training hall

Duration: 1 day

Language: English / Hindi

Max. No. of participants: 8 -10

Note : We also design product and service training courses to suit individual customer requirement

- **Contents training program**

- ❖ **Training on SEW Servo Gear motors**

- **Theoretical/ Classroom training**

- ❖ Advantages of servo motors & Area of application
 - ❖ Types and Versions of servo motors and options
 - ❖ Types and Versions of Brake
 - ❖ Encoder/Resolver system
 - ❖ Connector versions
 - ❖ Tools & supports
 - ❖ Documentation

- **Practical/ Shop floor training**

- ❖ Disassembly of CMP 40-112 (Any one) motors.(Hands-on disassembly of motor by using the required disassembly tools)
 - ❖ Check the spare parts (Check and diagnosis of the disassembled parts What should be renewed / what can be used again)
 - ❖ Assembly of CMP 40-112 (Any one) motors.
(Hands-on assembly of motors by using the required assembly tools)
 - ❖ Encoder adjustment and final test of servo motors.
(Learn how to adjust the encoder/resolver and how to make the final test at the servo motors)

Note:-

- 1. Practical and theoretical training only possible at SEW Eurodrive Chennai and Baroda Plant.**
- 2. Any one type of servo motor can be shown in one day agenda that too only troubleshooting aspects and complete assembly and disassembly not possible.**