

SERVOCONTROLS

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SERVOCONTROLS has established a full fledged SERVOVALVE SERVICING/REPAIR CENTER at Belgaum, Karnataka, India. We carry out Level I servicing, Level II servicing and Level III servicing of following make servovalves & proportional Valves:

ABEX, ATCHELY, CINCINNATI, COBURN, DOWTY, DYVAL, EMG, HERION, HYDROMATIC, KAWASAKI, LHC, MOOG, MTS, OLSEN, PARKER, PEGAUSUS, PLASSER, REXROTH-BOSCH, SCHNIDER, SOPELEM, TOWLER, TSS, ULTRA, andVICKERS.

SERVOVALVE SERVICING DESCRIPTION & RESPECTIVE CHARGES

LEVEL 1 servicing:

Functional Test and Preparation of a cost Estimate filter inspection change of filter if necessary. Cleaning and final functional test with Null Leakage, Null Setting & Expanded flow plot tests.

Service Charges: Rs. **7000+** cost of components (ex: filter, null pin, connector etc.)

LEVEL II servicing:

Level I + Functional Test with installation of new feedback assembly (Armature Flapper Sub Assembly, (AFSA)), repair of first stage. Electronic card testing + assembly. Final test with null leakage Expanded flow plots, & Differential Plots.

Service Charges: Rs. **12000+** cost of components (ex: AFSA, Electronic Cards etc.)

LEVEL III servicing:

Level I + Functional test with installation of Bushing & Spool Assembly (BSA)/Torque Motor, Third stage electronic repair/LVDT repairs and final test with Null Leakage, Expanded flow plot, Differential Plot tests.

Service Charges: Rs. **20,000+** cost of components (ex: BSA, Torque Motor assembly, LVDT/Electronic assembly etc.)

Reports provided:

1. Initial Inspection Report.
2. We will set the customized null condition and fail safe condition depending on the customer application/input.
3. Final Test Report along with Null leakage and expanded flow plots. Differential Pressure Plot. Spool Position Plot etc.

Procedure

- 1) When we receive the valve we will check the valve with our test rig for its respective specifications and check the parameters like Null Leakage, Null

bias, body crack, etc. If the valve does not respond to its command signal then we check the valve for any its worn out / missing components.

- 2) Based on the observations
 - 1) We will send you the service quotation (Service Charges & Material Charges) along with Initial Inspection report.
 - 2) Once we get the confirmation and work order form your side we will do the necessary servicing.
 - 3) Once the valves get serviced we will take the flow plot, Null plot, Differential plot, Dynamic Response Plots as per respective specifications.
 - 4) The valve also gets tested in closed loop systems.