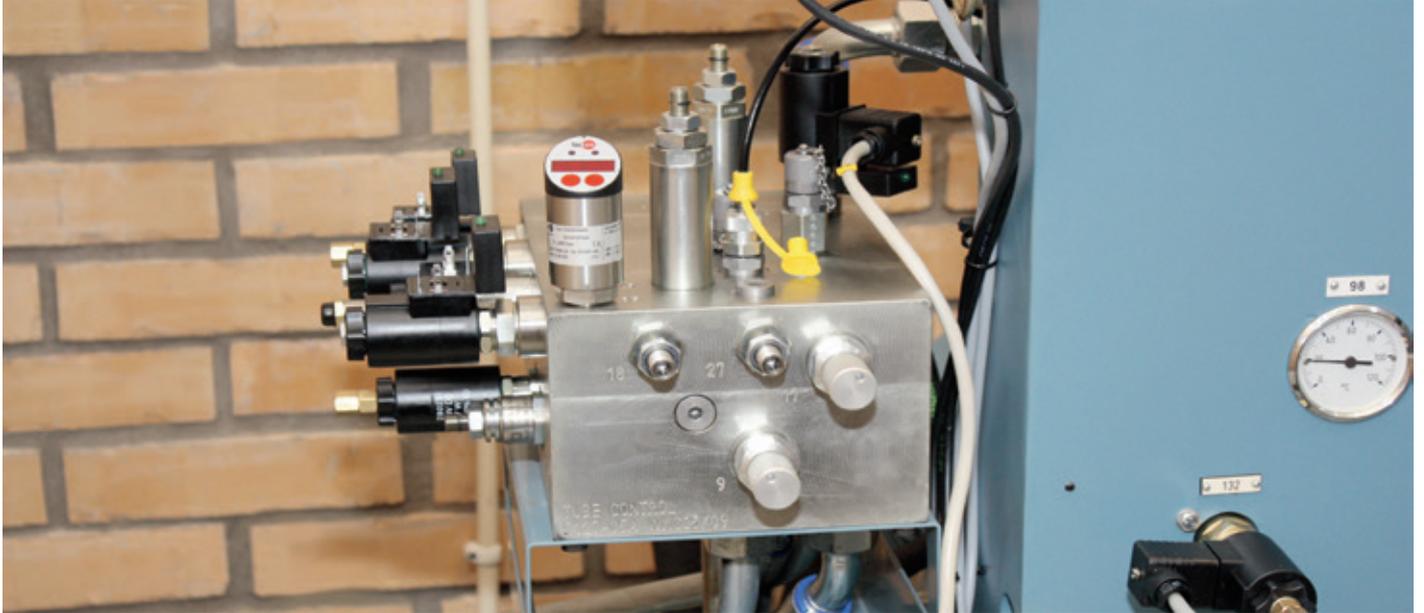


Hydraulic station valve block upgrade kit Mine hoist systems



The Global Underground Mining Service Center of ABB in Sweden has worldwide responsibility for mine hoist systems and has developed an upgrade kit for the Bosch Rexroth hydraulic unit for ABB's mine hoist brake systems. The upgrade kit comprises a new valve block that includes the latest valves and technology used by ABB.

The new valve block upgrade was developed because many of the valves that were used on the Bosch Rexroth station are obsolete and not available on the market and there is no new replacement for them. Instead of having to install a complete hydraulic unit, ABB would like to offer the customers the chance to upgrade to the latest technology in an easier and more cost effective way.

The installations of the new valve block have proved to be very quick with minimum downtime and virtually no loss of production.

The customer benefits are that the spares are readily available and cheaper and that if the customer also has a new hoist system with an ABB TUBE hydraulic unit, the same valves are used, hence there is no need to stock different brands.

The valve block upgrade kit includes:

- Valve block
- Hoses, 1 set
- Bolts, 1 set
- Mounting plate

Options/add-ons:

- Controlled braking: Valve 132
- Polish: Valve 132, 133 and 134
- Chinese: Valve 133 adds and Valve 134 leaves open
- Sensor 76 including cable (small contactor)
- Sensor P3297 including cable (M12 contactor)
- Digital display sensor including cable (for position 34, 35 or 76)

Customer benefits

- Low cost solution.
- Incorporates latest technology.
- Only one brand of parts required if the customer also has the new TUBE hydraulic station.
- The same test box for the old system is also used for the new.

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