



# S P E C I F I C A T I O N S H E E T



## Hydraulic power units

SPECIAL-PURPOSE MACHINERY  
TEST RIGS AND COMPONENTS  
DIRECT DRIVES  
EDDY CURRENT TEST SYSTEMS  
ASSEMBLY TECHNOLOGY  
JOB-ORDER PRODUCTION  
BUILDING CONTROL SYSTEMS

**General  
Information:**

Hydraulic aggregates by FGB are designed to supply servohydraulic systems of the most different types. Such systems have high requirements for the hydraulic oil as regards to the cleanliness and consistently high operating pressure. The in-house developed aggregates can be used for a permanent operating pressure of up to 300 bar and provide a flow that is adapted to the consumption.



- Automatic adjustment of flow rate to respective demand by means of control pump
- Separate filter and cooling circuit
- Low oil temperature variation in tank due to controlled bypass cooling
- Low noise-level by means of sound absorbing measures
- Standard sizes: 30, 60, 100, 180, 250, 500 litres per minute delivery volume
- Option of linking aggregates together

The hydraulic oil supply has been adapted especially to the special requirements of servohydraulic applications. This way, the operating pressure can be set continuously either manually or electrically within the range of 50 to 280 bar for example. Using an axial piston pump with pressure control, the delivery flow automatically adapts to the demand of the corresponding consumers. The oil temperature within the reservoir is maintained at a nearly constant level by means of controlled bypass cooling. The filter system is equipped with a separate cooling circuit.

**The hydraulic oil supply is used in the following areas, amongst others:**

- test rig constructions
- general mechanical engineering
- press design
- etc.



**FGB: Fertigungsgerätebau**  
**Adolf Steinbach GmbH & Co. KG**  
Strahlunger Straße 18  
97616 Salz | Germany  
phone: +49 (0) 9771 68877 500  
e-mail: info@fgb.de  
www.fgb.de