



**Operating and instruction manual
For
SUCO Clutches and brakes**

Edition 03/2019

Target Groups: Designing Engineers and trained technical personnel in the installation

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This documentation may only be used together with the following literature issued by SUCO:

- SUCO catalogue Transmission Technology 1-00-00-999-019 ([Link](#))
- Plans and drawings of the respective series



DISASSEMBLY

- Only disassemble properly! A special dismantling device is provided for the most clutches and brakes (see drawings)

MARKING

- Each clutch and brake is provided with a marking (make, type, date of manufacture e. g. 08 0123 411)

MAINTENANCE

- Clutches and Brakes are wearing parts!
- Ensure preventive maintenance depending upon the individual operating conditions!
- As soon as the limit of wear of 50% is reached, replace the complete sets of shoes and tension springs. This exchange can be optionally carried out by:
 - a service station
 - the manufacturer
 - experienced and trained engineers
- Only Original- SUCO- spare parts may be used! Exclusion of warranty and liability!

OPERATION

- Get through the slip speed range as fast as possible!
- Observe the permissible restraining forces of the individual applications!
- Full power transmission will be reached only after a certain run-in period!
- Avoid exposure to water!
- Observe the ambient operating conditions!
- Avoid overloading!

ATTENTION

- Do **not** operate clutches within the slip range!
- Clutches and brakes may not be operated unless mounted in their housings or pulleys!
- Before putting clutches and brakes into operation again after a prolonged standstill they must be checked for proper operation!
- Be careful with hot materials!
- Provide a pilot- relay for critical speed drives!
- Use in maintenance and dismantling suitable protective gloves. Caution- very hot!

RECYCLING

- Clutches and brakes can be disposed of in small quantities as scrap for recycling!
- Observe national provisions and regulations!
- Please collect reusable materials separately.