# Brake pads
# for active yaw brake calipers



hält

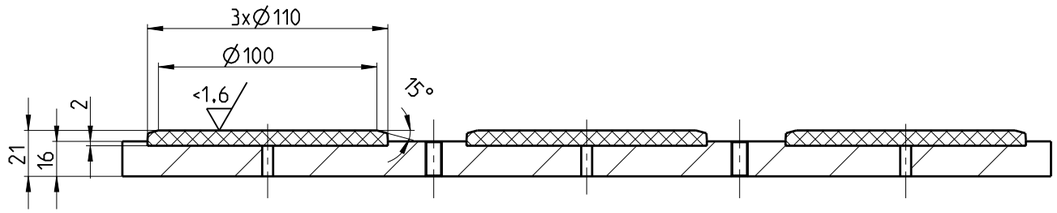
I am asked about these pads often – and throughout the whole industry. Sometimes even I´m a little surprised which turbines these pads are used in.

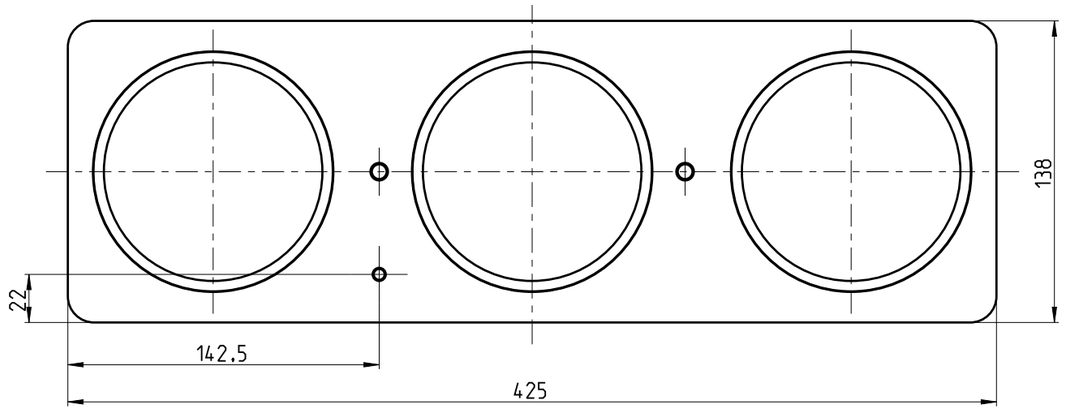
Markus Wältermann, Office Administration

## Brake pad 425x138

- Stick-slip free running
- No adhesive friction
- Emergency operation qualities (brake disc remain undamaged when brake pads are worn)
- No corrosion prevention needed
- Saving in weight of 75% (against conventional brake pads)
- Resistant against leaking oils and greases

# Brake pad 425x138




| TYPE BRAKE PAD 425x138 | | |
|---|---|---|
| Max. dynamic load | 100 | N/mm² |
| Max. static load | 200 | N/mm² |
| Max. sliding speed | 0,5 | m/s |
| Temperature range | -40 / +100 | °C |
| Hardness of counter material | >160 | HB |
| Surface roughness | | |
| of counter material (Ra) | 3,2 - 6,3* | µm |

*operation safety for pads Ra from 0,8 - 6,3 µm

## CHEMICAL RESISTANCE

- JHS-1604 has a high resistance to corrosive media
- Suitability for other chemicals and media should be determinated experimentally according to for Example DIN50905 or ASTM D543

## APPLICATIONS

- JHS-1604 is a composite material for yaw brakes
- The supporting layer consists of glass-fibre reinforced epoxy resin, the sliding layer is composed of a compound of epoxy resin, filled with a combination of different solid lubrications and brake additives
- The glass-fibre reinforced supporting layer in combination with the sliding layer, which has been applied by a specific casting process, leads to very high stability characteristics and high load capacity and offers very good tribological characteristics with low wear