

TECHNICAL REQUIREMENTS

Technical demands:

- The drive must provide drive motor full control (3x380V, 250A, 1500 min⁻¹, 50Hz) and it has to be equipped with sensor of rotation frequency
- Power net (3x380V, 50Hz)
- Drive motor rotation frequency control from 0 to 4000 min⁻¹
- The precision of rotation frequency maintenance no more than ± 1 min⁻¹ during power change from idling to maximum
- Power 40kW in rotation frequency range 750 – 3400 min⁻¹
- Power rezerve no less then 20%
- Distant control of convertor (more then 10m)
- Convertor and drive motor consumed current measuring (by separate sensors)

Set must include:

- Voltage convertor
- Sensors of current (6 pieces)
- Power block, which provides voltage control (0-220V), current 10A anf separate sensor
- Manual in Russian language
- Agreement must include points about servis works.