



Mastering the transformation of electrical energy

Dresser Rand

Le Havre Test Bench

140 MVA – 225 / 132-111-90-66 / 33 kV – Three phase



MAIN DATA

- **Type** : Autotransformer
- **Technology** : Shell type
- **Number of phases** : 3
- **Applicable standards** : IEC
- **Frequency** : 50 Hz
- **Cooling System** : ODAF
- **Type of regulation** : 2 de-energized tap changers on series winding and medium voltage line
- **Other data** : Multi-voltage autotransformer for testing compressors, electrical motors and gas turbines

	Rated voltage	Power rating	Connection
High voltage	225 kV	140 MVA	Wye
Medium voltage 1	132 kV	140 MVA	Wye
Medium voltage 2	111 kV	116 MVA	Wye
Medium voltage 3	90 kV	105 MVA	Wye
Medium voltage 4	66 kV	105 MVA	Wye
Low voltage	33kV	35 MVA	Wye

	HV	MV	Neutral	LV
Power frequency test voltage	240 kV	95 kV	95 kV	70 kV
Full wave impulse test voltage	650 kV	550 kV	250 kV	170 kV

Total weight	112 tons
Untanking weight	8 tons
Oil weight	27 tons
Transportation weight (heaviest part)	77 tons