



*Mastering the transformation of electrical energy*

**R.T.E. – Réseau de Transport d'Électricité**  
**Boutre Phase Shifter**  
**873 MVA – 225 kV – Three phase**



# MAIN DATA

- **Type** : Set of two Two-core Phase-Shifting Transformers connected in series
- **Technology** : Shell type
- **Number of phases** : 3
- **Applicable standards** : IEC
- **Frequency** : 50 Hz
- **Cooling System** : ODAF
- **Type of regulation** : On load tap changer

	Rated voltage	Power rating	Phase-Shift
<b>Line voltage</b>	225 kV	873 MVA	2 x +/- 12.5°
		Line(s)	Neutral(s)
<b>Power frequency test voltage</b>	275 kV	140 kV	
<b>Full wave impulse test voltage</b>	650 kV	325 kV	
<b>Switching surge test voltage</b>	550 kV	-	
<b>Total weight</b>	2 x 420 tons		
<b>Untanking weight</b>	19 tons		
<b>Oil weight</b>	2 x 89 tons		
<b>Transportation weight (heaviest part)</b>	155 tons		