

## Transformer for Pond Pump:

### DETAILED SPECIFICATION

TRANSFORMER SPECIFICATION: surface indoor type, oil cooled, cu-wound non-flame proof distribution transformer confirming to IS 2772 with latest amendments suitable for 4 wire power distribution on surface..

Type	:	Oil immersed, oil cooled.
K.V.A.	:	500 KVA.
Voltage	:	6600 / 433 volts – 3 phase and Neutral– 50 Hz.
Vector Group	:	Dyn11
Taping	:	On H.V. winding – (+ )2.5% to (-) 7.5% in steps to 2.5%.
Type of changing	:	Off load tap changer on H.V side.
Percentage impedance	:	As per ISS.
B I L	:	As relevant ISS.
Cooling	:	ONAN
Terminal arrangement	:	a) H.V detachable type cable end box suitable for XLPE – cable connections. b) L.V detachable type cable end box suitable for PVC – Arm cured cable connections.
Temperature rise above ambient	:	As per relevant ISS.
Dimensions	:	As per our requirement.
Make NGEF	:	Kirloskar / Crompton Greaves / Bharat Bijlee / ✓
Note	:	Fault level at 6.6 KV is 250 MVA.
Protection	:	Marshelling Box with OLTC/ WTC and Buchhloz.