

ARNO CONVERTER 120 KVA CAPACITY FOR 25 KV AC ELECTRIC LOCOMOTIVE TO CLW
Specn. No. CLW/ES/A-1/G.

Technical Specification:

Sr No	Description	Details
1	SPEED (SYN)	1500 RPM
2	TYPE	VERTICAL FLANGE MOUNTED SPDP SQUIRREL CAGE IN SINGLE CAGE CONSTRUCTION.
3	INPUT	1-PHASE 150 KVA, 380 V, 50 HZ, 395 A
4	OUTPUT	3-PHASE 120 KVA, 380V, 50HZ, 190A
5	VOLTAGE REGULATION	+/- 22.5%
6	DUTY	CONTINEOUS
7	COOLING	SELF VENTILATED AIR COOLED
8	INSULATION	CLASS "F" VARNISH FT 1052
9	STARTING	ARNO CONVERTER WILL BE SUITABLE FOR SPLIT PHASE STARTING BY MEANS OF AN EXTERNAL RESISTOR (NOT WITHIN JYOTI Ltd. SCOPE OF SUPPLY).
10	TERMINAL ARRANGEMENT	THE ARNO CONVERTER WILL HAVE 3 TERMINAL ARRANGEMENTS.
11	COLOR OF PAINT	LIGHT GREY PAINT AS PER ISC No. 631 CONFIRMING TO IS: 5
12	G.D. SKETCH	VERTICAL ARNO CONVERTER WILL BE MANUFACTURED AND SUPPLIED AS PER G.D. SKETCH No. 4M 0029D.
13	INSPECTION	FOLLOWING TESTS WILL BE OFFERED TO INSPECTION AUTHORITY AT WORKS ON EACH ARNO CONVERTER: A) MEASUREMENT OF COLD RESISTANCE B) MEASUREMENT OF INSULATION RESISTANCE C) HIGH VOLTAGE TEST D) NO LOAD TEST FOR 15 MINUTES.

Robert Parkher
DEE/TRS/TKR
ELB/WCR
N. D.