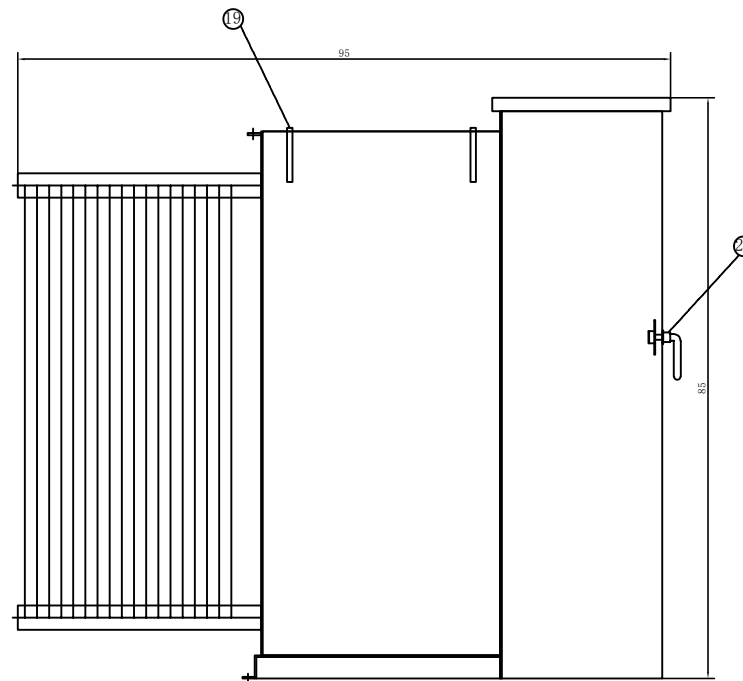
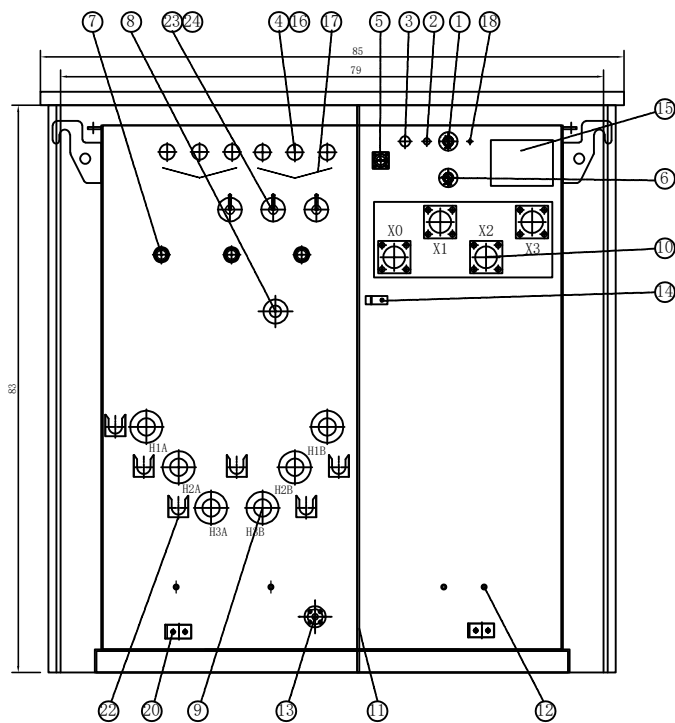
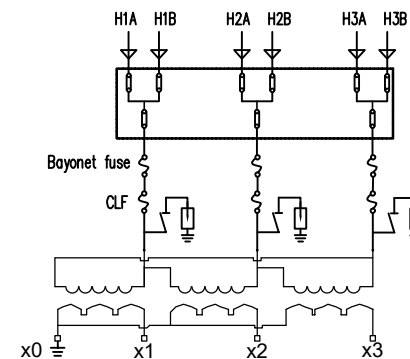




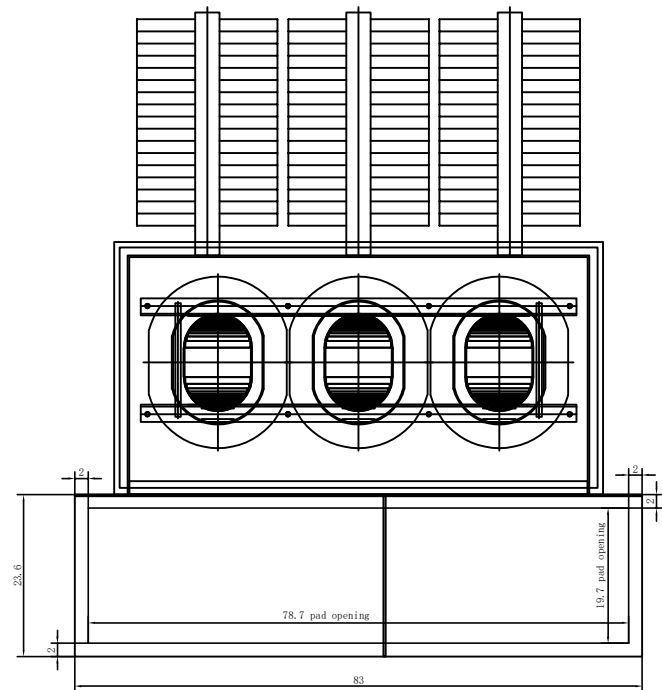
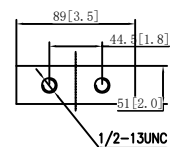
ITEM	WEIGHT(LBS)
CORE WEIGHT*	8040LBS
TOTAL OIL WEIGHT*	431GALS
TOTAL WEIGHT*	15870LBS
TECHNICAL DATA	
RATING	3750
PRIMARY VOLTAGE(V)	12870 Delta
SECONDARY VOLTAGE(V)	480Y/277
FREQUENCY	60Hz
VECTOR GROUP	Dyn1
CONDUCTOR	ALUMINUM
PRIMARY BIL VOLTAGE	95kV
SECONDARY BIL VOLTAGE	30kV
INSULATING OIL	Mineral oil
TEMPERATURE RISE	65°C
LOAD LOSS AT RATED VOLTAGE	27300W(+10%)
NO LOAD LOSSES	3700W(+10%)
IMPEDANCE	5.75-6.75%
ALTITUDE	≤1000m
COLOR	MUNSELL BELL GREEN
CORE FORM	THREE-PHASE THREE-COLUMN

PARTS LIST		
ITEM	DESCRIPTION	QT
1	VACUUM PRESSURE GAUGE	1
2	PRESSURE RELIEF VALVE	1
3	FILL PLUG	1
4	BAYONET FUSE(PRNT-120A)	6
5	OIL LEVEL GAUGE	1
6	OIL TEMPERATURE GAUGE	1
7	2-POSITION LOADBREAK SWITCH	3
8	OFF CIRCUIT TAP CHANGER (7 STEPS)	1
9	HV BUSHING (15kV,200A WELL&INSERT)	6
10	LV BUSHING(TG1-1/5000,12 HOLE,BIL:30kV)	4
11	REINFORCING RIB (HV/LV BARRIER)	1
12	GROUNDING LUG	4
13	1"DRAIN VALVE WITH 3/8" SAMPLER	1
14	GROUNDING PAD	1
15	NAMEPLATE	1
16	CURRENT LIMITING FUSE(XRNT-200A)	6
17	DRIP SHIELD	1
18	GAS SAMPLER VALVE	1
19	LIFTING LUG	4
20	GROUND PAD	2
21	DOOR HANDLE	1
22	PARKING STAND	6
23	UNDER OIL ARRESTER DISCONNECTOR	3
24	UNDER OIL MOV ARRESTER (18KV)	3

Diagram for connect



GROUND PAD
STAINLESS STEEL



TYPE					DWG. NAME		
ZGS-H-3750/12.87/0.48					General Assembly Drawin		
DRAWN	CHECKED	CHECKED		APPROVED	FIRST ANGLE PROJECTION	SCALE	1
Kong				Liu	WINLEY		

Remark: dimensions here are in inch. Only for approval/preliminary design..

230

170

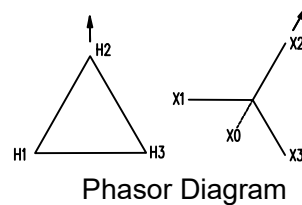


THREE PHASE PAD MOUNTED TRANSFORMER

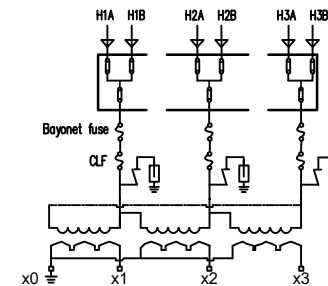


HIGH VOLTAGE		
TAP POSITION	VOLTAGE (V)	CURRENT (A)
1	14400	150.4
2	13800	156.9
3	13200	164.0
4	12870	168.2
5	12470	173.6
6	12000	180.4
7	11500	188.3
LOW VOLTAGE		
VOLTAGE (V)	CURRENT (A)	
480	4510.7	

MODEL NO.	ZGS-H-3750/12.87/0.48	STANDARD	ANSI C57.12.34
RATED CAPACITY	3750 kVA	PRODUCT CODE	1ZB.710.
RATED VOLTAGE	12.87/0.48 kV	SERIAL NO.	
IMPEDANCE	5.75~6.75 %	HV BIL	95
		LV BIL	30
USE CONDITION	OUTDOOR	TEMPERATURE RISE	65/60°C
PHASE	3 PHASE	OIL WEIGHT	Lbs
VECTOR GROUP	Dyn1	BODY WEIGHT	Lbs
RATED FREQUENCY	60 Hz	TOTAL WEIGHT	Lbs
COOLING TYPE	ONAN	MANUFACTURE DATE	
MINERAL OIL--NON-PCB			



Wire Diagram



XIAMEN WINLEY ELECTRIC CO.LTD,CHINA
www.winley-electric.com

