BALDWIN & FRANCIS LIMITED

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TITLE

TRANSFORMER SPECIFICATION
1.5MVA 10kV / 1000V 5 Limb
SNSG.

REFERANSENUMRE FOR BALDWIN & FRANCIS	
Contract reference	9005513
Purchase order number	
Style number	
Number of transformers	2
Transformer tank	B&F
Transformer core & coils	BWS

REFERANSENUMRE B&F	
B&F reference	B&F/T/XXX
Enquiry number	B&F/xxxx
Enclosure	YES – 1.5MVA tank
Core & coils	NO
Water pressure test	To be witnessed by B&F

HUSDETALJER	
Material	Mild steel
Ingress protection	Standard – IP55
Transformer rating	1.5MVA
Tank size	1.5MVA
External paint spec / colour	White to PS/0008
Internal paint spec / colour	Black to PS/0008
Temperature monitoring	3 x PT100 wired to HT end
Drain plug & position	25mm, end wall.
External earth bosses	HT and LT ends of tank

HUSDETALJER	
Height	
Width	
Depth	
Transformer tank weight	
G.A. drawing reference	3403.0004

HUSBESLAG	
Wheels (4) and axles (2)	No
Skid base	Supplied by UK
Alignment dowel sockets	No
Lifting points	4
Hi tensile bolts	Yes

ETIKETT-DETALJER – UTSTYRT HOS B&F	
Label language	Norwegian
FLP identification label	9709.1XXX
Drain plug warning label	8068.6089
Warning label (covers)	2 off 8068.5452

HT-FLENSDETALJER	
Flange type	14 bolt pattern as BS5067
Height (base to centre line)	705mm
Gland plate details	Power 95mm2 – 3 x M32 PT100 – 1 x M25 Aux – 1 x M25 (12 way)

LT-FLENSDETALJER	
Flange type	13 bolt pattern as BS5067
Height (base to centre line)	740mm
Gland plate details	Power 2 x 95mm2 – 6Xm32 Neutral 95mm2 – 1 x M32 Aux - 1 x M25 (12 way) Blank – M25

ELEKTRISKE DETALJER TRANSFORMATOR	
Type	Double wound
Rating	1500kVA
Number of phases	3
Frequency	50Hz
Primary voltage	10kV
Over-voltage capability	120% at full load
Primary tappings	±2.5 & 5%
Secondary voltage	1000V on load 1050V off load
Secondary tappings	None
Vector type	Dyn11
Impedance	< 4%
Insulation class	C
Specification	IEC60076-11
Test requirements	To QPFLPTRANS-TR2000
Heat run required	No

ELEKTRISKE DETALJER TRANSFORMATOR	
Primary current	Approx.86.6A
Secondary current	Approx 866A
Winding temp rise by res.	
Iron loss	
Copper loss	
Number of limbs	5 Limb Low Height

ISSUE	A	B	C	D	E	F	G	H	REFERENCE	9005513
DATE	05.03.13	04.04.13							SHEET NOS.	1 of 1
INITIAL	WPD	RH								