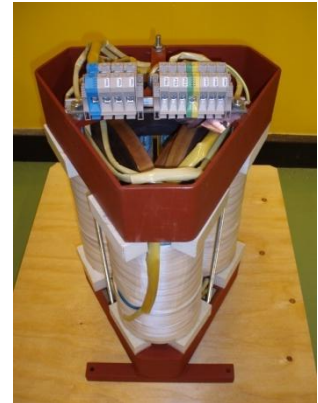


3 Phase dry transformers, 5-200 kVA

By winding the transformer core instead of stacking sheets of metal, **Hexaformer** has developed an innovative closed symmetrical cage core for its transformers. This patented triangle-shaped core gives exceptional properties, requires less material and reduces the amount of loss produced, making these products environmental friendly.

Features:

- Low loss
- Small size
- Low weight
- Robust
- Less vibrations
- Low third harmonic
- Low noise level
- Smaller EM stray field
- Low in-rush current



Characteristics

Frequency : 50 Hz

Vector Group: Dyn11 standard, others available

Impedance voltage: 3,0-4,0 %

Temperature class: F (155°C)

Primary voltage: from 150 to 1000 V

Secondary voltage: from 115 to 1000V

Compliant to standard IEC60076-11

Protection class: IP00 as standard. IP20-IP54 on request

Noise level < 40 dB for all models

Connection: for models < 100kVA: Connection block
for models ≥ 100kVA: Cu bar

Double isolated copper wire

Examples with 1000/400 V and Dyn11

Part number	Rated Power (kVA)	No load losses P0(W)	Load losses Pk(W)	Dimensions IP(00)			Weight kg
				A(mm)	R(mm)	H(mm)	
51000400AT1	5	38	190	290	305	550	55
101000400AT1	10	45	280	305	355	575	85
161000400AT1	16	50	360	330	380	600	110
301000400AT1	30	80	570	370	430	640	160
501000400AT1	50	120	840	385	445	725	240
1001000400AT1	100	200	1200	475	550	745	370
1601000400AT1	160	290	1600	500	575	890	550
2001000400AT1	200	320	2300	545	630	920	600

Examples with 1000/400 V and YNzn11

161000400DT1	16	55	410	305	355	585	110
301000400DT1	30	85	630	365	420	695	180
501000400DT1	50	130	920	405	465	700	220
1001000400DT1	100	220	1320	440	510	730	370
1601000400DT1	160	320	1820	520	600	790	510
2001000400DT1	200	350	2530	520	600	860	590

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www.hexaformer.com

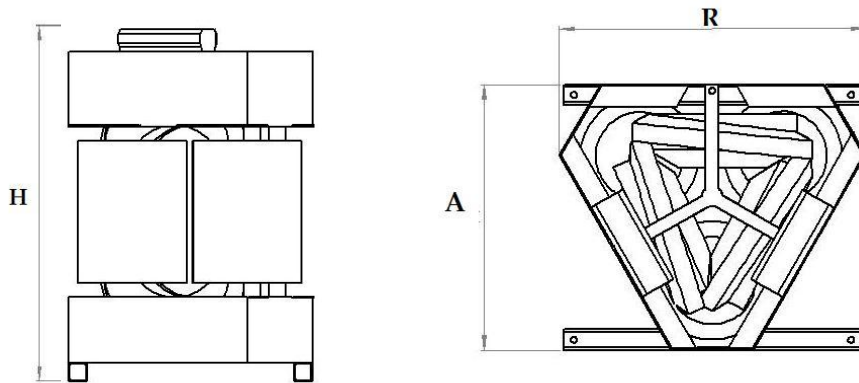
Hexaformer™ 

3 Phase dry transformers, 5-200 kVA

Examples with 400/400 V and Dyn11

Part number	Rated Power (kVA)	No load losses P0(W)	Load losses Pk(W)	Dimensions IP(00)			Weight kg
				A(mm)	R(mm)	H(mm)	
5400400AT1	5	38	190	290	305	550	55
10400400AT1	10	45	280	305	355	575	85
16400400AT1	16	50	360	315	360	610	110
30400400AT1	30	80	570	370	430	625	160
50400400AT1	50	120	840	385	445	765	240
100400400AT1	100	200	1200	475	550	745	370

Mechanical Drawing:



Ordering code: kVAxxxxyyyAT1

kVA: from 5 to 200

xxxx: Primary voltage from 150 to 1000 V

yyy: Secondary voltage from 115 to 1000V

A: Vector group

A: Dyn11

B: YNyn0

D: YNzn11

others on request

Example: 1001000420AT1 is a 100 kVA, 1000V primary voltage, 420V secondary voltage, Dyn11 type of transformer

Optional accessories: PT100 Temperature sensor

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