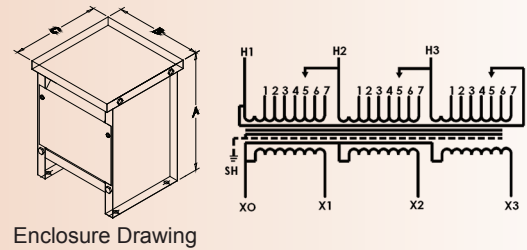


# Compliant Transformers

## K-Rated DOE 2016

Traditionally, linear transformer loads exhibit voltage and current typically at the fundamental frequency and generally have little harmonic content. Nonlinear transformer loads, on the other hand, introduce significant harmonics into a distribution system.

Dongan K-Factor transformers are specifically engineered to operate at full load and full harmonic rating without exceeding the rated insulation system values - effectively neutralizing the dangerous effects of temperature and circulating currents.



Dimensions							
K Rating		15 kVA	30 kVA	45 kVA	75 kVA	112.5 kVA	150 kVA
4	A	23.50	29.00	29.00	32.00	41.00	41.00
	B	18.88	24.25	24.25	27.25	34.25	34.25
	C	18.5	20.88	20.88	26.25	26.75	26.75
13	A	29.00	29.00	32.00	41.00	41.00	41.00
	B	24.25	24.25	27.25	34.25	34.25	34.25
	C	20.88	20.88	26.25	26.75	26.75	26.75
20	A	29.00	29.00	32.00	41.00	41.00	44.00
	B	24.25	24.25	27.25	34.25	34.25	48.00
	C	20.88	20.88	26.25	26.75	26.75	30.00

480 Volt Delta Primary, 208Y/120 Volt Secondary, 60 Hz							
kVA	Catalog Number K-4	Catalog Number K-13	Catalog Number K-20	Taps	Mtg. Type W = Wall F = Floor	Conn. Dia.	Wall Brackets (Optional)
15	TK04-6315SH	TK13-6315SH	TK20-6315SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	W or F	15	BR-890
30	TK04-6330SH	TK13-6330SH	TK20-6330SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	W or F	15	BR-890
45	TK04-6345SH	TK13-6345SH	TK20-6345SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	F	15	N.A.
75	TK04-6375SH	TK13-6375SH	TK20-6375SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	F	15	N.A.
112.5	TK04-63112SH	TK13-63112SH	TK20-63112SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	F	15	N.A.
150	TK04-63150SH	TK13-63150SH	TK20-63150SH*	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	F	15	N.A.

\*TK20-63150SH is wound with copper magnet wire.

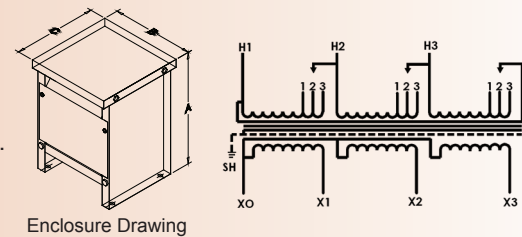
Copper wound K-Rated transformers are also available. Please contact your Dongan Representative or Dongan Customer Service for a quotation.

## Motor Drive Isolation TP-1

While Motor Drive Isolation Transformers are currently exempt from energy efficiency standards in the United States, compliance with the CAN/CSA-C802.2 energy efficiency standards is required in Canada. Voltages common to the Canadian distribution systems are included in the table below.

### Features Three Phase 3 - 145 kVA.

**Electrostatic shield** between windings provides cleaner output voltage and helps to reduce spikes and transients.



575 Volt Delta Primary, 230Y/133 or 460Y/266 Volt Secondaries, 60 Hz												
kVA	Motor HP	Pri. - 575 Delta Sec. - 230Y/133	Pri. - 575 Delta Sec. - 460Y/266	Taps	Mtg. Type W = Wall F = Floor	Conn. Dia. 230Y/133 Secondary	Conn. Dia. 460Y/266 Secondary	Height A	Width B	Depth C	Est. Ship Weight (Lbs.)	Wall Brackets (Optional)
20	15	43-2820SH	43-2920SH	1 - 5% FCAN 1 - 5% FCBN	W or F	25	26	29.0	24.3	20.9	275	BR-890
27	20	43-2827SH	43-2927SH	1 - 5% FCAN 1 - 5% FCBN	W or F	25	26	29.0	24.3	20.9	290	BR-890
34	25	43-2834SH	43-2934SH	1 - 5% FCAN 1 - 5% FCBN	W or F	25	26	29.0	24.3	20.9	415	BR-890
40	30	43-2840SH	43-2940SH	1 - 5% FCAN 1 - 5% FCBN	W or F	25	26	29.0	24.3	20.9	440	BR-890
51	40	43-2851SH	43-2951SH	1 - 5% FCAN 1 - 5% FCBN	W or F	25	26	32.0	27.3	26.3	500	BR-892
63	50	43-2863SH	43-2963SH	1 - 5% FCAN 1 - 5% FCBN	W or F	25	26	32.0	27.3	26.3	560	BR-892
75	60	43-2875SH	43-2975SH	1 - 5% FCAN 1 - 5% FCBN	W or F	25	26	32.0	27.3	26.3	580	BR-892
93	75	43-2893SH	43-2993SH	1 - 5% FCAN 1 - 5% FCBN	F	25	26	41.0	34.3	26.8	1000	N. A.
118	100	43-28118SH	43-29118SH	1 - 5% FCAN 1 - 5% FCBN	F	25	26	41.0	34.3	26.8	1100	N. A.
145	125	43-28145SH	43-29145SH	1 - 5% FCAN 1 - 5% FCBN	F	25	26	41.0	34.3	26.8	1200	N. A.