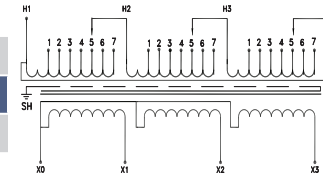


Vanguard - Three Phase - General Purpose

73 Series DOE 2016 Compliant

240 DELTA TO 400Y/230

General Information				Winding Specifications				Dimensions			
kVA Cap.	Catalog Number	Hz.	Wgt. Lbs	Taps	Maximum Amps		Conn Dia.	Height A	Width B	Depth C	Outline Dwg.
					Pri.	Sec.					
3	76-3-3723SH	60	140	0	7.2	4.3	See Dia. at Right	14	16	7.75	1
6	76-6-3723SH	60	212	0	14.4	8.7		18	20	9.5	1
9	76-9-3723SH	60	265	0	21.7	13		18	20	9.5	1
DOE2016 Compliant											
15	73-15-3934SH	60	230	6	36	21.7	See Dia. at Right	23.5	18.88	18.5	2
30	73-30-3934SH	60	326	6	72	43.3		29	24.25	20.88	2
45	73-45-3934SH	60	460	6	108.2	65		29	24.25	20.88	2
75	73-75-3934SH	60	722	6	180.4	108.2		32	27.25	26.25	2
112.5	73-112-3934SH	60	1001	6	270.1	162.4		41	34.25	26.75	2
150	73-150-3934SH	60	1255	6	360.8	216.5		41	34.25	26.75	2
225	73-225-3934SH	60	1500	6	541.2	324.8		44	46	29.75	2



73-XX-3943SH

Primary 240 Delta, Secondary 208Y / 120, 60 Hz

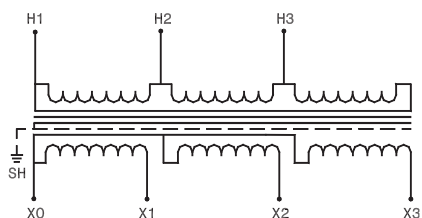
General Information			Winding Specifications				Dimensions			
kVA Cap.	Catalog Number	Wgt. Lbs	Taps	Maximum Amps		Conn Dia.	Height A	Width B	Depth C	Outline Dwg.
				Pri.	Sec.	Pg. 29				
3.0	76-0603SH	140	0	7.2	8.3	7	14.00	16.00	7.75	1
6.0	76-0606SH	212	0	14.4	16.6	7	18.00	20.00	9.50	1
9.0	76-0609SH	265	0	21.6	25	7	18.00	20.00	9.50	1
DOE 2016 Compliant										
15	73-6615SH	230	6	36.1	41	8	23.50	18.88	18.5	2
30	73-6630SH	326	6	72	83	8	29.00	24.25	20.88	2
45	73-6645SH	460	6	108	125	8	29.00	24.25	20.88	2
75	73-6675SH	790	6	180.4	208	8	32	27.25	26.25	2

240 Volt Delta Primary, 480Y/277 Volt Secondary, 60 H

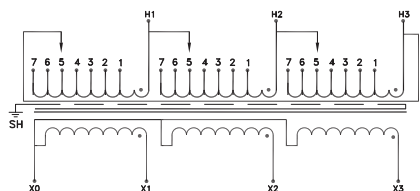
kVA	Catalog Number	Taps	Mtg. Type W = Wall F = Floor	Conn. Dia.	Height A	Width B	Depth C	Est. Ship Weight (Lbs.)	Wall Brackets (Optional)
15	73-15-2698SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	W or F	Consult Factory	23.5	18.8	18.5	260	BR-890
30	73-30-2698SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	W or F		29.0	24.3	20.9	420	BR-890
45	73-45-2698SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	W or F		29.0	24.3	20.9	480	BR-890
75	73-75-2698SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	W or F		32.0	27.3	26.3	690	BR-892
112.5	73-112-2698SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	F		41.0	34.3	26.8	960	N.A.
150	73-150-2698SH	2 - 2 1/2% FCAN 4 - 2 1/2% FCBN	F		41.0	34.3	26.8	1240	N.A.

Three Phase Connection Diagrams

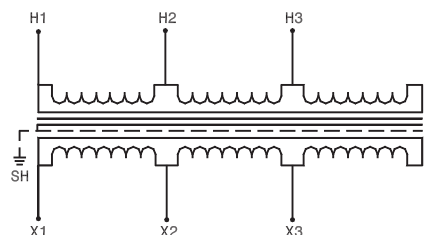
Dia. 7	Catalog Series 76-06XXSH		
Tap Arrangement	No Taps		
% High Voltage	High Voltage 240	Inter-Connect	Connect High Voltage Lines To
100	240		H1 & H2 & H3
% Low Voltage	Low Voltage 208Y / 120	Inter-Connect	Connect Low Voltage Lines To
100	208		X1 & X2 & X3
100	120		X1 to X0 X2 to X0 X3 to X0



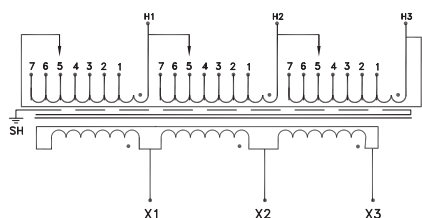
Dia. 8	Catalog Series 73-66XXSH		
Tap Arrangement	2 - 2½ FCAN (Full Capacity Above Normal) 4 - 2½ FCBN (Full Capacity Below Normal)		
% High Voltage	High Voltage 240	Inter-Connect	Connect High Voltage Lines To
90	216	1	H1-H2-H3
92.5	222	2	
95	228	3	
97.5	234	4	
100	240	5	
102.5	246	6	
105	252	7	
% Low Voltage	Low Voltage 208Y / 120	Inter-Connect	Connect Low Voltage Lines To
100	208		X1 & X2 & X3
100	120		X1 to X0 X2 to X0 X3 to X0



Dia. 9	Catalog Series 76-01XXSH		
Tap Arrangement	No Taps		
% High Voltage	High Voltage 600	Inter-Connect	Connect High Voltage Lines To
100	600	- -	H1 & H2 & H3
% Low Voltage	Low Voltage 240	Inter-Connect	Connect Low Voltage Lines To
100	240		X1 & X2 & X3

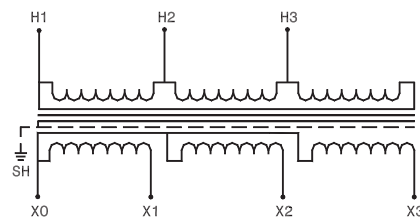


Dia. 10	Catalog Series 73-61XXSH		
Tap Arrangement	2 - 2½ FCAN (Full Capacity Above Normal) 4 - 2½ FCBN (Full Capacity Below Normal)		
% High Voltage	High Voltage 600	Inter-Connect	Connect High Voltage Lines To
90	540	1	H1-H2-H3
92.5	555	2	
95	570	3	
97.5	585	4	
100	600	5	
102.5	615	6	
105	630	7	
% Low Voltage	Low Voltage 240	Inter-Connect	Connect Low Voltage Lines To
100	240		X1 & X2 & X3
100	120*		X2, X0 or X3, X0



*Lighting tap capacity is limited to 5% of nameplate rating distributed equally on either side of X0.

Dia. 11	Catalog Series 76-000XSH		
Tap Arrangement	No Taps		
% High Voltage	High Voltage 600	Inter-Connect	Connect High Voltage Lines To
100	600		H1 & H2 & H3
% Low Voltage	Low Voltage 208Y / 120	Inter-Connect	Connect Low Voltage Lines To
100	208		X1 & X2 & X3
100	120		X1 to X0 X2 to X0 X3 to X0



Dia. 12	Catalog Series 73-60XXSH		
Tap Arrangement	2 - 2½ FCAN (Full Capacity Above Normal) 4 - 2½ FCBN (Full Capacity Below Normal)		
% High Voltage	High Voltage 600	Inter-Connect	Connect High Voltage Lines To
90	540	1	H1-H2-H3
92.5	555	2	
95	570	3	
97.5	585	4	
100	600	5	
102.5	615	6	
105	630	7	
% Low Voltage	Low Voltage 208Y / 120	Inter-Connect	Connect Low Voltage Lines To
100	208		X1 & X2 & X3
100	120		X1 to X0 X2 to X0 X3 to X0

