

Aluminum Windings									Losses (Watts)					% Regulation		DOE2016			Inrush			
DOE2016 Catalog Number	Style	TP1 Catalog Number	kVA	Temp Rise °C	Sound Level dB (per NEMA ST-20)	Frame	Wrg Diag	Weight (lbs.)	No Load	Total @ Rise + 20	0.25	0.50	0.75	Full Load	100% PF	80% PF	%Imp Trise+20	X Trise+20	R Trise+20	Efficiency (@ 35% Load 75°C)	Absolute Max (Amps)	Practical Max (Amps)
3-Phase 480V Delta-208Y/120																						
V48M28T1516	V15DA001	V48M28T15EE	15	150	45	FR939	280B	225	69	497.87	97.91	97.75	97.16	96.48	3.31	3.70	3.74	1.67	3.35	97.89	211	70
V48M28T3016	V30DA001	V48M28T30EE	30	150	45	FR940	280B	409	125	660.99	97.96	98.17	97.88	97.48	2.18	2.40	2.44	1.05	2.20	98.23	653	218
V48M28T4516	V45DA001	V48M28T45EE	45	150	45	FR940	280B	416	140	1136.21	98.32	98.23	97.80	97.28	2.48	3.50	3.51	2.44	2.52	98.40	494	165
V48M28T7516	V75DA001	V48M28T75EE	75	150	50	FR942	280B	570	210	1644.55	98.50	98.44	98.07	97.62	2.13	3.49	3.61	2.87	2.19	98.60	810	270
V48M28T1216	V12DA001	V48M28T12EE	112.5	150	50	FR943	280B	976	275	2269	98.69	98.61	98.26	97.83	1.83	3.96	4.37	3.88	2.02	98.74	905	302
V48M28T4916	V49DA001	V48M28T49EE	150	150	50	FR943	280B	1239	350	2603.99	98.76	98.74	98.45	98.10	1.56	3.20	3.46	2.99	1.74	98.83	1,549	516
V48M28T2216	V22DA001	V48M28T22EE	225	150	55	FR944	280B	1624	495	3737.63	98.85	98.81	98.53	98.19	1.40	3.58	4.29	4.05	1.41	98.94	2,163	721
V48M28T3316	V33DA001	V48M28T33EE	300	150	55	FR945	280B	2283	640	4763.79	98.99	98.91	98.62	98.29	1.33	3.79	4.45	4.16	1.59	99.02	2,193	731
V48M28F1516	V15DA002	V48M28F15EE	15	115	45	FR939	280B	231	65	450.51	97.99	97.89	97.38	96.77	2.96	3.54	3.54	1.87	3.00	97.89	211	70
V48M28F3016	V30DA002	V48M28F30EE	30	115	45	FR940	280B	399	122	551.78	98.09	98.36	98.16	97.83	1.82	2.22	2.21	1.23	1.84	98.23	589	196
V48M28F4516	V45DA002	V48M28F45EE	45	115	45	FR940	280B	429	140	1071.81	98.40	98.32	97.91	97.43	2.34	3.71	3.81	2.97	2.38	98.40	439	146
V48M28F7516	V75DA002	V48M28F75EE	75	115	50	FR942	280B	605	210	1556.14	98.56	98.52	98.17	97.74	2.01	3.60	3.82	3.21	2.08	98.60	731	244
V48M28F1216	V12DA002	V48M28F12EE	112.5	115	50	FR943	280B	982	260	2137.8	98.72	98.67	98.34	97.94	1.74	3.99	4.53	4.13	1.85	98.74	795	265
V48M28F4916	V49DA002	V48M28F49EE	150	115	50	FR943	280B	1253	350	2651.17	98.75	98.72	98.43	98.06	1.59	3.56	3.97	3.56	1.75	98.83	1,341	447
V48M28F2216	V22DA002	V48M28F22EE	225	115	55	FR944	280B	1633	495	3262.45	98.90	98.91	98.68	98.39	1.26	4.24	5.3	5.10	1.45	98.94	1,830	610
V48M28F3316	V33DA002	V48M28F33EE	300	115	55	FR945	280B	2104	600	4067.8	98.99	98.99	98.77	98.50	1.14	3.62	4.52	4.35	1.23	99.02	2,024	675
V48M28B1516	V15DA003	V48M28B15EE	15	80	45	FR939	280B	237									3.81			97.89		
V48M28B3016	V30DA003	V48M28B30EE	30	80	45	FR940	280B	433	140	421.44	98.12	98.54	98.45	98.24	1.37	2.11	2.15	1.63	1.40	98.23	494	165
V48M28B4516	V45DA003	V48M28B45EE	45	80	50	FR942	280B	570	193	530.84	98.03	98.57	98.56	98.42	1.12	2.31	3.61	2.01	1.37	98.40	810	270
V48M28B7516	V75DA003	V48M28B75EE	75	80	50	FR943	280B	982	256	848.07	98.58	98.87	98.78	98.60	1.00	2.42	2.75	2.51	1.13	98.60	905	302
V48M28B1216	V12DA003	V48M28B12EE	112.5	80	50	FR943	280B	1274	365	1336.36	98.66	98.90	98.78	98.57	1.03	2.36	2.62	2.34	1.19	98.74	1,549	516
V48M28B4916	V49DA003	V48M28B49EE	150	80	50	FR944	280B	1628	373	1273.13	98.73	99.05	99.02	98.90	0.74	2.36	2.9	2.77	0.85	98.83	2,163	721
V48M28B2216	V22DA003	V48M28B22EE	225	80	55	FR945	280B	2207	600	2576.14	98.84	98.99	98.86	98.65	0.84	2.70	3.17	2.96	1.14	98.94	2,193	731
V48M28B3316		V48M28B33EE	300	80	55															99.02		
3-Phase 480V Delta-480Y/277																						
V48M47T1516	V15DA007	V48M47T15EE	15	150	45	FR939	280B	227	65	488.96	97.94	97.77	97.21	96.54	3.25	3.69	3.71	1.77	3.26	97.89	202	67
V48M47T3016	V30DA007	V48M47T30EE	30	150	45	FR940	280B	395	122	665.4	98.12	98.24	97.93	97.51	2.20	2.51	2.53	1.16	2.25	98.23	587	195
V48M47T4516	V45DA007	V48M47T45EE	45	150	45	FR940	280B	433	127	1109.62	98.37	98.28	97.85	97.35	2.46	3.56	3.6	2.62	2.47	98.40	486	162
V48M47T7516	V75DA007	V48M47T75EE	75	150	50	FR942	280B	576	204	1543.46	98.60	98.54	98.19	97.77	2.00	3.33	3.45	2.77	2.06	98.60	847	282
V48M47T1216	V12DA007	V48M47T12EE	112.5	150	50	FR943	280B	970									4.78			98.74		
V48M47T4916	V49DA007	V48M47T49EE	150	150	50	FR943	280B	1253									3.11			98.94		
V48M47T2216	V22DA008	V48M47T22EE	225	150	55	FR944	280B													98.83		
V48M47T3316	V33DA007	V48M47T33EE	300	150	55	FR945	280B	2294									4.49			99.02		
3-Phase 480V Delta-240V Delta with 120V lighting tap																						
V48M22T1516	V15DA019	V48M22T15EE	15	150	45	FR939	282B	231	63	508.26	97.91	97.72	97.12	96.43	3.36	4.02	4.05	1.93	3.56	97.89	209	70
V48M22T3016	V30DA019	V48M22T30EE	30	150	45	FR940	282B	399	122	668.44	98.12	98.24	97.92	97.50	2.20	2.56	2.58	1.23	2.27	98.23	641	213
V48M22T4516	V45DA019	V48M22T45EE	45	150	45	FR940	282B	426	127	1294.78	98.39	98.14	97.60	96.99	2.84	4.13	4.17	3.02	2.88	98.40	438	146
V48M22T7516	V75DA019	V48M22T75EE	75	150	50	FR942	282B	581	204	1538.73	98.54	98.51	98.17	97.76	2.00	3.37	3.51	2.85	2.05	98.60	863	288
V48M22T1216	V12DA019	V48M22T12EE	112.5	150	50	FR943	282B	964	275	2247.39	98.69	98.62	98.27	97.85	1.85	3.90	4.3	3.81	2.00	98.74	893	298
V48M22T4916	V49DA019	V48M22T49EE	150	150	50	FR943	282B	1275									3.28			98.83		
V48M22T2216	V22DA019	V48M22T22EE	225	150	55	FR944	282B	1618									4.64			98.94		
V48M22T3316	V33DA019	V48M22T33EE	300	150	55	FR945	282B	2228									4.84			99.02		

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DOE2016 Catalog Number	Style	TP1 Catalog Number	kVA	Temp Rise °C	Sound Level dB (per NEMA ST-20)	Frame	Wrg Diag	Weight (lbs.)	No Load	Total @ Rise + 20	0.25	0.50	0.75	Full Load	100% PF	80% PF	%Imp Trise+20	X Trise+20	R Trise+20	Efficiency (@ 35% Load 75°C)	Absolute Max (Amps)	Practical Max (Amps)
3-Phase 208V Delta-480Y/277																						
V29M47T1516	V15DA013	V29M47T15EE	15	150	45	FR939	E0342B	225									4.28			97.89		
V29M47T3016	V30DA102	V29M47T30EE	30	150	45	FR940	E0342B	402	126	748.76	97.79	98.15	97.94	97.88	1.80	2.10	2.55	1.16	2.08	98.23	1539	153
V29M47T4516	V45DA013	V29M47T45EE	45	150	45	FR940	E0342B	436	127	1262.27	98.40	98.17	97.64	97.05	2.68	4.13	4.19	3.11	2.81	98.40	1,017	339
V29M47T7516	V75DA013	V29M47T75EE	75	150	50	FR942	E0342B	623	204	1690.01	98.49	98.41	98.03	97.56	2.13	4.38	4.66	3.94	2.49	98.60	1,966	655
V29R47T1216	V12DA107	V29R47T12EE	112.5	150	50	FR943	E0342B	539.96	270.086	2755.29	98.64	98.69	98.43	97.79	1.90	4.30	4.91	4.39	2.21	98.74	1902	634
V29R47T4916	V49DA040	V29R47T49EE	150	150	50	FR943	E0351A	1253									4.00			98.83		
V29R47T2216		V29R47T22EE	225	150	55															98.94		
V29R47T3316		V29R47T33EE	300	150	55															99.02		
3-Phase 240V Delta-208Y/120																						
V24M28T1516		V24M28T15EE	15	150	45															97.89		
V24M28T3016	V30DA100	V24M28T30EE	30	150	45	FR940	280C	402	115	842.69	97.85	98.05	97.73	97.51	2.10	2.40	2.85	0.88	2.43	98.23	1213	404
V24M28T4516	V45DA100	V24M28T45EE	45	150	45	FR940	280C	448	127	1236.95	98.37	98.18	97.67	97.10	2.69	3.96	4	2.91	2.75	98.40	438	146
V24M28T7516	V75DA100	V24M28T75EE	75	150	50	FR942	280C	622	172	1996.64	98.63	98.33	97.81	97.23	2.52	4.64	4.92	4.14	2.66	98.60	1,021	340
V24M28T1216		V24M28T12EE	112.5	150	50															98.74		
V24M28T4916		V24M28T49EE	150	150	50															98.83		
V24M28T2216		V24M28T22EE	225	150	55															98.94		
V24M28T3316		V24M28T33EE	300	150	55															99.02		
3-Phase 480V Delta-208Y/120 Electrostatically Shielded																						
V48M28T1516ES	V15DA004	V48M28E15EE	15	150	45	FR939	283B	219	65	498.94	97.78	97.67	97.11	96.44	3.32	3.71	3.74	1.76	3.30	97.89	211	70
V48M28T3016ES	V30DA004	V48M28E30EE	30	150	45	FR940	283B	389	125	660.86	98.09	98.23	97.92	97.51	2.15	2.53	2.54	1.22	2.23	98.23	653	218
V48M28T4516ES	V45DA004	V48M28E45EE	45	150	45	FR940	283B	425	140	1159.47	98.43	98.26	97.80	97.26	2.50	3.60	3.62	2.56	2.56	98.40	494	165
V48M28T7516ES	V75DA004	V48M28E75EE	75	150	50	FR942	283B	567	210	1673.38	98.41	98.38	98.01	97.56	2.11	3.42	3.55	2.85	2.12	98.60	810	270
V48M28T1216ES	V12DA004	V48M28E12EE	112.5	150	50	FR943	283B	991	275	2239.67	98.68	98.62	98.27	97.85	1.87	3.99	4.43	3.96	1.99	98.74	905	302
V48M28T4916ES	V49DA004	V48M28E49EE	150	150	50	FR943	283B	1267	350	2588.02	98.76	98.74	98.45	98.10	1.58	3.15	3.41	2.96	1.70	98.83	1,549	516
V48M28T2216ES	V22DA004	V48M28E22EE	225	150	55	FR944	283B	1571.135	489	3288.96	98.78	98.85	98.63	98.35	1.36	3.51	4.20	3.96	1.39	98.94	2163	721
V48M28T3316ES	V33DA004	V48M28E33EE	300	150	55	FR945	283B	2097	640	4838.44	98.98	98.89	98.60	98.26	1.36	4.07	4.87	4.60	1.61	99.02	2,193	731
V48M28F1516ES	V15DA005	V48M28F15EEES	15	115	45	FR939	283B	225	65	454.35	97.91	97.85	97.34	96.74	3.02	3.56	3.56	1.87	3.03	97.89	211	70
V48M28F3016ES	V30DA005	V48M28F30EEES	30	115	45	FR940	283B	413	122	650.92	98.00	98.20	97.92	97.52	2.08	3.09	3.11	2.23	2.17	98.23	589	196
V48M28F4516ES	V45DA005	V48M28F45EEES	45	115	45	FR940	283B	462	140	1068.34	98.45	98.35	97.94	97.45	2.32	3.85	4.0	3.22	2.37	98.40	439	146
V48M28F7516ES	V75DA005	V48M28F75EEES	75	115	50	FR942	283B	593	210	1573.65	98.47	98.46	98.12	97.70	1.96	3.63	3.85	3.23	2.10	98.60	731	244
V48M28F1216ES	V12DA005	V48M28F12EEES	112.5	115	50	FR943	283B	982	260	2265.97	98.70	98.62	98.26	97.84	1.92	4.16	4.67	4.21	2.01	98.74	795	265
V48M28F4916ES	V49DA005	V48M28F49EEES	150	115	50	FR943	283B	1253	350	2627.11	98.77	98.74	98.44	98.08	1.55	3.73	4.22	3.84	1.75	98.83	1,341	447
V48M28F2216ES	V22DA005	V48M28F22EEES	225	115	55	FR944	283B	1606.631	489	3091.91	98.80	98.89	98.70	98.43	1.26	3.89	4.90	4.73	1.28	98.94	1830	610
V48M28F3316ES	V33DA005	V48M28F33EEES	300	115	55	FR945	283B	2192.772	592	3873.75	98.90	98.97	98.78	98.53	1.18	3.77	4.80	4.65	1.21	99.02	2024	675
V48M28B1516ES		V48M28B15EEES	15	80	45															97.89		
V48M28B3016ES	V30DA006	V48M28B30EEES	30	80	45	FR940	283B	436.093	125	451.60	98.00	98.44	98.34	98.11	1.45	2.49	2.50	1.76	1.78	98.23	494	165
V48M28B4516ES	V45DA006	V48M28B45EEES	45	80	50	FR942	283B	608.577	193	530.84	98.03	98.57	98.56	98.42	1.12	2.31	2.43	2.01	1.37	98.40	810	270
V48M28B7516ES	V75DA006	V48M28B75EEES	75	80	50	FR943	283B	969.844	256	865.15	98.37	98.76	98.70	98.53	1.06	2.76	3.11	2.81	1.32	98.60	905	302
V48M28B1216ES	V12DA006	V48M28B12EEES	112.5	80	50	FR943	283B	1220.386	350	1219.64	98.51	98.85	98.79	98.62	0.99	2.37	2.61	2.31	1.21	98.74	1549	516
V48M28B4916ES	V49DA006	V48M28B49EEES	150	80	55	FR944	283B	1571.135	489	1243.72	98.51	98.94	98.95	98.86	0.74	2.34	2.80	2.64	0.93	98.83	2163	721
V48M28B2216ES	V22DA006	V48M28B22EEES	225	80	55	FR945	283B	2156.816	592	1999.48	98.74	99.04	98.99	98.86	0.80	2.73	3.35	3.20	0.99	98.94	2193	731
V48M28B3316ES		V48M28B33EEES	300	80	55															99.02		

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DOE2016 Catalog Number	Style	TP1 Catalog Number	kVA	Temp Rise °C	Sound Level dB (per NEMA ST-20)	Frame	Wrg Diag	Weight (lbs.)	No Load	Total @ Rise + 20	0.25	0.50	0.75	Full Load	100% PF	80% PF	%Imp Trise+20	X Trise+20	R Trise+20	Efficiency (@ 35% Load 75°C)	Absolute Max (Amps)	Practical Max (Amps)
K4 3-Phase 480V Delta-208Y/120																						
H48M28T1516	H15DA004	H48M28T15EE	15	150	45	FR940	283B	407	91	223.13	97.48	98.18	98.18	98.00	1.43	1.77	1.77	0.96	1.49	97.89	211	70
H48M28T3016	H30DA004	H48M28T30EE	30	150	45	FR940	283B	437	122	636.69	98.04	98.24	97.96	97.57	2.10	2.67	2.66	1.60	2.12	98.23	589	196
H48M28T4516	H45DA004	H48M28T45EE	45	150	45	FR940	283B	439	140	1174.77	98.39	98.23	97.76	97.22	2.54	4.07	4.18	3.26	2.61	98.40	439	146
H48M28T7516	H75DA004	H48M28T75EE	75	150	50	FR942	283B	599	210	1718.48	98.52	98.41	98.01	97.54	2.22	3.86	4.05	3.34	2.29	98.60	731	244
H48M28T1216	H12DA004	H48M28T12EE	112.5	150	50	FR943	283B	987	365	1467.89	98.60	98.82	98.69	98.45	1.19	2.73	3.07	2.78	1.30	98.74	795	265
H48M28T4916	H49DA004	H48M28T49EE	150	150	50	FR943	283B	1237.113	350	2600.61	98.65	98.68	98.41	98.07	1.63	3.45	3.93	3.59	1.60	98.83	1341	447
H48M28T2216	H22DA004	H48M28T22EE	225	150	55	FR944	283B	1642	471	3473.35	98.88	98.87	98.61	98.30	1.37	4.38	5.43	5.21	1.54	98.94	1,830	610
H48M28T3316	H33DA004	H48M28T33EE	300	150	55	FR945	283B	2394	600	4468.88	98.99	98.94	98.68	98.38	1.31	4.07	4.99	4.76	1.49	99.02	2,024	675
H48M28F1516		H48M28F15EE	15	115	45															97.89		
H48M28F3016	H30DA005	H48M28F30EE	30	115	45	FR940	283B	415	122	561.78	98.09	98.35	98.14	97.81	1.85	2.39	2.38	1.47	1.87	98.23	589	196
H48M28F4516	H45DA005	H48M28F45EE	45	115	45	FR942	283B	619	193	577.12	98.16	98.60	98.54	98.36	1.23	2.21	2.34	1.96	1.28	98.40	731	244
H48M28F7516	H75DA005	H48M28F75EE	75	115	50	FR943	283B	984	260	1083.27	98.49	98.71	98.55	98.29	1.30	2.92	3.25	2.91	1.44	98.60	795	265
H48M28F1216	H12DA005	H48M28F12EE	112.5	115	50	FR943	283B	1236	365	1322.48	98.62	98.88	98.78	98.57	1.07	2.60	2.98	2.74	1.18	98.74	1,341	447
H48M28F4916	H49DA005	H48M28F49EE	150	115	55	FR944	283B	1606.631	489	1374.18	98.49	98.90	98.89	98.77	0.84	2.59	3.27	3.15	0.86	98.83	1830	610
H48M28F2216	H22DA005	H48M28F22EE	225	115	55	FR945	283B	2353	542	2597.45	98.82	98.98	98.85	98.64	0.95	3.04	3.68	3.49	1.15	98.94	2,024	675
H48M28F3316		H48M28F33EE	300	115	55															99.02		
H48M28B1516		H48M28B15EE	15	80	45															97.89		
H48M28B3016	H30DA006	H48M28B30EE	30	80	45	FR940	283B	438.49	125	467.13	97.99	98.41	98.31	98.06	1.50	2.73	2.84	2.29	1.68	98.23	439	146
H48M28B4516	H45DA006	H48M28B45EE	45	80	45	FR942	283B	619	180	535.69	98.29	98.70	98.64	98.47	1.13	2.19	2.36	2.04	1.19	98.40	731	244
H48M28B7516	H75DA006	H48M28B75EE	75	80	50	FR943	283B	1027	260	899.36	98.49	98.80	98.70	98.51	1.09	2.74	3.18	2.95	1.20	98.60	795	265
H48M28B1216	H12DA006	H48M28B12EE	112.5	80	50	FR944	283B	1643	444	769.28	98.50	99.00	99.06	98.99	0.56	2.09	2.64	2.55	0.68	98.74	1,830	610
H48M28B4916	H49DA006	H48M28B49EE	150	80	55	FR944	283B	1606.631	489	1264.45	98.51	98.94	98.94	98.84	0.76	2.59	3.27	3.15	0.86	98.83	1830	610
H48M28B2216		H48M28B22EE	225	80	55															98.94		
H48M28B3316		H48M28B33EE	300	80	55															99.02		

Aluminum Windings									Losses (Watts)						% Regulation			DOE2016			Inrush	
DOE2016 Catalog Number	Style	TP1 Catalog Number	kVA	Temp Rise °C	Sound Level dB (per NEMA ST-20)	Frame	Wrg Diag	Weight (lbs.)	No Load	Total @ Rise + 20	0.25	0.50	0.75	Full Load	100% PF	80% PF	%Imp Trise+20	X Trise+20	R Trise+20	Efficiency (@ 35% Load 75°C)	Absolute Max (Amps)	Practical Max (Amps)
K13 3-Phase 480V Delta-208Y/120																						
N48M28T1516	N15DA004	N48M28T15EE	15	150	45	FR940	283B	406	91	220.87	97.43	98.17	98.18	98.00	1.40	1.68	1.68	0.84	1.45	97.89	211	70
N48M28T3016	N30DA004	N48M28T30EE	30	150	45	FR940	283B	395	122	649.3	98.01	98.21	97.92	97.53	2.13	2.46	2.47	1.23	2.14	98.23	589	196
N48M28T4516	N45DA004	N48M28T45EE	45	150	48	FR942	283B	594	193	623.81	98.12	98.55	98.46	98.25	1.33	2.30	2.40	1.96	1.39	98.40	731	244
N48M28T7516	N75DA004	N48M28T75EE	75	150	53	FR943	283B	1012	256	1088.78	98.50	98.71	98.55	98.29	1.39	3.09	3.5	3.18	1.45	98.60	795	265
N48M28T1216	N12DA004	N48M28T12EE	112.5	150	53	FR943	283B	1297	365	1501.17	98.60	98.81	98.67	98.42	1.21	2.81	3.18	2.89	1.33	98.74	1,341	447
N48M28T4916	N49DA004	N48M28T49EE	150	150	53	FR944	283B	1425	415	1654.09	98.78	98.98	98.87	98.68	0.91	2.98	3.64	3.47	1.10	98.83	1,830	610
N48M28T2216	N22DA004	N48M28T22EE	225	150	58	FR945	283B	2341	600	2471.58	98.86	99.02	98.89	98.70	0.97	3.05	3.75	3.59	1.10	98.94	2,024	675
N48M28T3316		N48M28T33EE	300	150	58															99.02		
N48M28F1516		N48M28F15EE	15	115	45															97.89		
N48M28F3016	N30DA005	N48M28F30EE	30	115	45	FR940	283B	437	140	504.43	98.08	98.41	98.26	97.98	1.65	2.84	2.98	2.46	1.68	98.23	589	196
N48M28F4516	N45DA005	N48M28F45EE	45	115	48	FR942	283B	619	193	577.26	98.24	98.65	98.57	98.38	1.23	2.18	2.29	1.90	1.28	98.40	731	244
N48M28F7516	N75DA005	N48M28F75EE	75	115	53	FR943	283B	977	260	988.1	98.48	98.75	98.63	98.40	1.17	2.76	3.11	2.82	1.32	98.60	795	265
N48M28F1216	N12DA005	N48M28F12EE	112.5	115	53	FR944	283B	1547	495	848.36	98.41	98.93	98.98	98.91	0.62	2.18	2.71	2.60	0.75	98.74	1,830	610
N48M28F4916	N49DA005	N48M28F49EE	150	115	53	FR944	283B	1682	380	1421.83	98.80	99.05	98.98	98.82	0.83	2.88	3.64	3.51	0.95	98.83	1,830	610
N48M28F2216		N48M28F22EE	225	115	58															98.94		
N48M28F3316		N48M28F33EE	300	115	58															99.02		
N48M28B1516		N48M28B15EE	15	80	45															97.89		
N48M28B3016	N30DA006	N48M28B30EE	30	80	53	FR942	283B	611.658	193	241.50	97.30	98.34	98.56	98.57	0.76	1.63	1.78	1.56	0.86	98.23	731	244
N48M28B4516	N45DA006	N48M28B45EE	45	80	48	FR943	283B	927	221	332.6	97.89	98.67	98.81	98.78	0.70	1.60	1.82	1.66	0.74	98.40	731	244
N48M28B7516	N75DA006	N48M28B75EE	75	80	53	FR943	283B	1098	288	594.67	98.42	98.91	98.95	98.87	0.68	1.75	2.01	1.85	0.79	98.60	1,341	447
N48M28B1216	N12DA006	N48M28B12EE	112.5	80	58	FR944	283B	1606.631	489	711.25	98.14	98.83	98.96	98.94	0.57	1.94	2.45	2.36	0.64	98.74	1830	610
N48M28B4916	N49DA006	N48M28B49EE	150	80	58	FR945	283B	2192.772	592	891.11	98.30	98.93	99.04	99.02	0.53	1.89	2.40	2.32	0.60	98.83	2024	675
N48M28B2216		N48M28B22EE	225	80	58															98.94		
N48M28B3316		N48M28B33EE	300	80	58															99.02		

Copper Windings			Losses (Watts) Efficiency % (@Trise+20°) % Regulation														DOE2016		Inrush			
DOE2016 Catalog Number	Style	TP1 Catalog Number	kVA	Temp Rise °C	Sound Level dB (per NEMA ST-20)	Frame	Wrg Diag	Weight (lbs.)	No Load	Total @ Rise + 20	0.25	0.50	0.75	Full Load	100% PF	80% PF	%Imp Trise+20	X Trise+20	R Trise+20	Efficiency (@ 35% Load 75°C)	Absolute Max (Amps)	Practical Max (Amps)
3-Phase 480V Delta-208Y/120																						
V48M28T1516CU	V15DC001	V48M28T15CUUE	15	150	45	FR939	280B	250	75	390.72	97.71	97.89	97.54	97.06	2.60	2.83	2.88	1.23	2.60	97.89	328	109
V48M28T3016CU	V30DC001	V48M28T30CUUE	30	150	45	FR940	280B	415	116	702.87	98.06	98.17	97.83	97.38	2.25	2.50	2.56	1.03	2.34	98.23	785	262
V48M28T4516CU	V45DC001	V48M28T45CUUE	45	150	45	FR940	280B	478	123	1176.46	98.43	98.25	97.78	97.23	2.57	3.45	3.44	2.24	2.61	98.4	544	181
V48M28T7516CU	V75DC001	V48M28T75CUUE	75	150	50	FR942	280B	676	210	1729.81	98.54	98.42	98.01	97.53	2.23	3.20	3.21	2.23	2.31	98.6	1,198	399
V48M28T1216CU	V12DC001	V48M28T12CUUE	112.5	150	50	FR943	280B	1263	270	2201.53	98.74	98.65	98.31	97.90	1.81	3.42	3.63	3.06	1.96	98.74	1,053	351
V48M28T4916CU	V49DC001	V48M28T49CUUE	150	150	50	FR943	280B	1410	360	2500.6	98.78	98.77	98.50	98.16	1.56	3.12	3.39	2.95	1.67	98.83	1,790	597
V48M28T2216CU	V22DC001	V48M28T22CUUE	225	150	55	FR944	280B	1883	420	4394.83	98.88	98.72	98.35	97.93	1.78	4.44	5.14	4.75	1.95	98.94	1,621	540
V48M28T3316CU	V33DC001	V48M28T33CUUE	300	150	55	FR945	280B	2485	507	4932.19	98.93	98.85	98.56	98.22	1.50	3.66	4.21	3.88	1.64	99.02	2,573	858
V48M28F1516CU	V15DC002	V48M28F15CUUE	15	115	45	FR939	280B	241	75	367.58	97.71	97.95	97.64	97.19	2.44	2.76	2.77	1.37	2.41	97.89	328	109
V48M28F3016CU	V30DC002	V48M28F30CUUE	30	115	45	FR940	280B	433	116	634.44	98.09	98.26	97.98	97.59	2.01	2.24	2.30	0.90	2.12	98.23	704	235
V48M28F4516CU	V45DC002	V48M28F45CUUE	45	115	45	FR940	280B	471	123	1111.59	98.43	98.30	97.87	97.36	2.42	3.45	3.46	2.42	2.47	98.4	511	170
V48M28F7516CU	V75DC002	V48M28F75CUUE	75	115	50	FR942	280B	665	214	1530.7	98.50	98.50	98.17	97.76	1.98	2.95	2.97	2.10	2.10	98.6	1,135	378
V48M28F1216CU	V12DC002	V48M28F12CUUE	112.5	115	50	FR943	280B	1271	270	2056.75	98.70	98.69	98.38	98.00	1.72	3.62	4.00	3.56	1.83	98.74	922	307
V48M28F4916CU	V49DC002	V48M28F49CUUE	150	115	50	FR943	280B	1422	360	1796.07	98.90	99.00	98.84	98.62	0.59	2.99	3.56	3.35	1.20	98.83	1,638	546
V48M28F2216CU	V22DC002	V48M28F22CUUE	225	115	55	FR944	280B	2082	420	4146.63	98.90	98.77	98.43	98.03	1.64	4.55	5.41	5.09	1.84	98.94	1,364	455
V48M28F3316CU	V33DC002	V48M28F33CUUE	300	115	55	FR945	280B	2568	570	4845.6	98.93	98.87	98.58	98.25	1.41	4.03	4.80	4.52	1.62	99.02	2,120	707
V48M28B1516CU	V15DC003	V48M28B15CUUE	15	80	45	FR939	280B	239	75	364.61	97.94	98.08	97.73	97.27	2.42	2.97	2.96	1.69	2.43	97.89	276	92
V48M28B3016CU	V30DC003	V48M28B30CUUE	30	80	45	FR940	280B	466	118	432.17	98.27	98.60	98.48	98.24	1.41	2.05	2.06	1.47	1.45	98.23	544	181
V48M28B4516CU	V45DC003	V48M28B45CUUE	45	80	45	FR942	280B	667	210	570.44	98.35	98.70	98.62	98.42	1.15	1.91	1.95	1.48	1.27	98.4	1,198	399
V48M28B7516CU	V75DC003	V48M28B75CUUE	75	80	50	FR943	280B	1147	270	891.74	98.47	98.79	98.71	98.52	1.06	2.41	2.68	2.40	1.19	98.6	1,053	351
V48M28B1216CU	V12DC003	V48M28B12CUUE	112.5	80	50	FR943	280B	1385	360	1270.71	98.66	98.92	98.82	98.62	1.08	2.38	2.69	2.44	1.13	98.74	1,790	597
V48M28B4916CU	V49DC003	V48M28B49CUUE	150	80	50	FR944	280B	1895	420	1867.07	98.74	98.91	98.76	98.54	0.96	2.96	3.48	3.25	1.24	98.83	1,621	540
V48M28B2216CU	V22DC003	V48M28B22CUUE	225	80	55	FR945	280B	2385	513	2341.13	98.89	99.06	98.94	98.76	0.86	2.66	3.20	3.03	1.04	98.94	2,120	707
V48M28B3316CU		V48M28B33CUUE	300	80																99.02		
3-Phase 480V Delta-480Y/277																						
V48M47T1516CU		V48M47T15CUUE	15	150																97.89		
V48M47T3016CU	V30DC038	V48M47T30CUUE	30	150	45	FR940	280B	431	116	522.41	98.32	98.52	98.30	97.98	1.32	2.41	2.42	1.68	1.74	98.23		
V48M47T4516CU	V45DC007	V48M47T45CUUE	45	150	45	FR940	280B	457	123	1239.2	98.50	98.24	97.71	97.12	2.75	3.77	3.77	2.57	2.75	98.4	482	161
V48M47T7516CU	V75DC007	V48M47T75CUUE	75	150	50	FR942	280B	673	214	1513.89	98.50	98.51	98.18	97.78	1.99	2.83	2.84	2.00	2.02	98.6	1,360	453
V48M47T1216CU	V12DC007	V48M47T12CUUE	112.5	150	50	FR943	280B	1110	270	2000.55	98.70	98.70	98.41	98.05	1.73	3.25	3.5	3.01	1.78	98.74		
V48M47T4916CU		V48M47T49CUUE	150	150																98.83		
V48M47T2216CU		V48M47T22CUUE	225	150																98.94		
V48M47T3316CU		V48M47T33CUUE	300	150																99.02		
3-Phase 480V Delta-240V Delta with 120V lighting tap																						
V48M22T1516CU		V48M22T15CUUE	15	150																97.89		
V48M22T3016CU		V48M22T30CUUE	30	150																98.23		
V48M22T4516CU	V45DC019	V48M22T45CUUE	45	150	45	FR940	282B	475	123	1130.59	98.44	98.30	97.84	97.32	2.48	3.43	3.43	2.34	2.51	98.4		
V48M22T7516CU	V75DC019	V48M22T75CUUE	75	150	50	FR942	282B	691	206	1583.51	98.51	98.48	98.12	97.70	2.05	2.89	2.89	1.97	2.11	98.6	1,213	404
V48M22T1216CU		V48M22T12CUUE	112.5	150																98.74		
V48M22T4916CU		V48M22T49CUUE	150	150																98.83		
V48M22T2216CU		V48M22T22CUUE	225	150																98.94		
V48M22T3316CU		V48M22T33CUUE	300	150																99.02		



Copper Windings			Losses (Watts) Efficiency % (@Trise+20 ^o) % Regulation																	DOE2016	Inrush		
DOE2016 Catalog Number	Style	TP1 Catalog Number	kVA	Temp Rise °C	Sound Level dB (per NEMA ST-20)	Frame	Wrg Diag	Weight (lbs.)	No Load	Total @ Rise + 20	0.25	0.50	0.75	Full Load	100% PF	80% PF	%Imp Trise+20	X Trise+20	R Trise+20	Efficiency (@ 35% Load 75°C)	Absolute Max (Amps)	Practical Max (Amps)	
3-Phase 208V Delta-480Y/277																							
V29M47T1516CU		V29M47T15CU EE	15	150																	97.89		
V29M47T3016CU		V29M47T30CU EE	30	150																	98.23		
V29M47T4516CU		V29M47T45CU EE	45	150																	98.4		
V29M47T7516CU		V29M47T75CU EE	75	150																	98.6		
V29R47T1216CU	V12DC036	V29R47T12CU EE	112.5	150	50	FR943	E0351A	1283	260	2282.6	98.80	98.66	98.28	97.85	1.83	3.68	3.95	3.39	2.03		98.74		
V29R47T4916CU		V29R47T49CU EE	150	150																	98.83		
V29R47T2216CU		V29R47T22CU EE	225	150																	98.94		
V29R47T3316CU		V29R47T33CU EE	300	150																	99.02		
3-Phase 240V Delta-208Y/120																							
V24M28T1516CU		V24M28T15CU EE	15	150																	97.89		
V24M28T3016CU		V24M28T30CU EE	30	150																	98.23		
V24M28T4516CU		V24M28T45CU EE	45	150																	98.4		
V24M28T7516CU		V24M28T75CU EE	75	150																	98.6		
V24M28T1216CU		V24M28T12CU EE	112.5	150																	98.74		
V24M28T4916CU		V24M28T49CU EE	150	150																	98.83		
V24M28T2216CU		V24M28T22CU EE	225	150																	98.94		
V24M28T3316CU		V24M28T33CU EE	300	150																	99.02		
3-Phase 480V Delta-208Y/120 Electrostatically Shielded																							
V48M28T1516CUES	V15DC004	V48M28E15CU EE	15	150	45	FR939	283B	236	75	413.95	97.86	97.91	97.50	96.96	2.73	3.13	3.15	1.52	2.76		97.89	328	109
V48M28T3016CUES	V30DC004	V48M28E30CU EE	30	150	45	FR940	283B	415	116	528.84	98.12	98.41	98.22	97.91	1.73	2.41	2.41	1.64	1.76		98.23	785	262
V48M28T4516CUES	V45DC004	V48M28E45CU EE	45	150	45	FR940	283B	472.68	118	1270.73	98.28	98.10	97.59	97.01	2.75	3.80	3.80	2.60	2.77		98.4	544	181
V48M28T7516CUES	V75DC004	V48M28E75CU EE	75	150	50	FR942	283B	675.06	206	1615.28	98.39	98.40	98.06	97.63	2.07	2.84	2.84	1.94	2.08		98.6	1,198	399
V48M28T1216CUES	V12DC004	V48M28E12CU EE	112.5	150	50	FR943	283B	1085.17	251	2223.38	98.63	98.59	98.25	97.85	1.87	3.38	3.63	3.11	1.88		98.74	1,053	351
V48M28T4916CUES	V49DC004	V48M28E49CU EE	150	150	50	FR943	283B	1327.65	350	2351.01	98.69	98.77	98.54	98.23	1.47	2.77	3.02	2.64	1.46		98.83	1,790	597
V48M28T2216CUES	V22DC004	V48M28E22CU EE	225	150	55	FR944	283B	1938	420	4368.68	98.90	98.73	98.36	97.95	1.75	4.58	5.37	5.01	1.94		98.94	1,621	540
V48M28T3316CUES	V33DC004	V48M28E33CU EE	300	150	55	FR945	283B	2354.44	561	4491.15	98.89	98.89	98.65	98.34	1.39	3.04	3.48	3.19	1.38		99.02	2,573	858
V48M28F1516CUES	V15DC005	V48M28F15CU EEES	15	115	45	FR939	283B	238	75	368.48	97.83	98.01	97.68	97.23	2.44	2.90	2.90	1.54	2.46		97.89	328	109
V48M28F3016CUES	V30DC005	V48M28F30CU EEES	30	115	45	FR940	283B	428	116	641.77	98.06	98.24	97.96	97.56	2.06	2.36	2.39	1.07	2.14		98.23	704	235
V48M28F4516CUES	V45DC005	V48M28F45CU EEES	45	115	45	FR940	283B	480	123	1135.26	98.44	98.29	97.84	97.31	2.51	3.51	3.52	2.45	2.52		98.4	511	170
V48M28F7516CUES	V75DC005	V48M28F75CU EEES	75	115	50	FR942	283B	668	214	1600.32	98.54	98.48	98.12	97.68	2.01	3.03	3.05	2.18	2.13		98.6	1,135	378
V48M28F1216CUES	V12DC005	V48M28F12CU EEES	112.5	115	50	FR943	283B	1282	270	2110.03	98.77	98.70	98.37	97.98	1.71	3.76	4.17	3.72	1.88		98.74	922	307
V48M28F4916CUES	V49DC005	V48M28F49CU EEES	150	115	50	FR943	283B	1336.51	350	2234.21	98.71	98.80	98.59	98.31	1.38	2.94	3.34	3.05	1.37		98.83	1,638	546
V48M28F2216CUES	V22DC005	V48M28F22CU EEES	225	115	55	FR944	283B	1856.81	418	3811.26	98.85	98.80	98.50	98.16	1.55	4.15	5.03	4.78	1.58		98.94	1,364	455
V48M28F3316CUES	V33DC005	V48M28F33CU EEES	300	115	55	FR945	283B	2478.34	561	4197.80	98.91	98.94	98.72	98.44	1.28	3.41	4.14	3.94	1.29		99.02	2,120	707
V48M28B1516CUES	V15DC006	V48M28B15CU EEES	15	80	45	FR939	283B	249	75	366.47	97.99	98.09	97.73	97.27	2.43	3.02	3.01	1.76	2.44		97.89	325	108
V48M28B3016CUES	V30DC006	V48M28B30CU EEES	30	80	45	FR940	283B	459	118	432.54	98.28	98.61	98.48	98.24	1.41	2.05	2.06	1.47	1.44		98.23	544	181
V48M28B4516CUES	V45DC006	V48M28B45CU EEES	45	80	50	FR942	283B	675.06	206	489.33	97.94	98.56	98.59	98.48	1.03	1.70	1.70	1.16	1.25		98.4	1,198	399
V48M28B7516CUES	V75DC006	V48M28B75CU EEES	75	80	50	FR943	283B	1163	270	892.02	98.57	98.84	98.74	98.54	1.06	2.43	2.71	2.44	1.19		98.6	1,053	351
V48M28B1216CUES	V12DC006	V48M28B12CU EEES	112.5	80	50	FR943	283B	1327.65	350	1125.47	98.53	98.89	98.85	98.71	0.91	2.08	2.27	1.98	1.09		98.74	1,790	597
V48M28B4916CUES	V49DC006	V48M28B49CU EEES	150	80	50	FR944	283B	2092	420	1794.09	98.75	98.93	98.80	98.58	0.97	3.39	4.20	4.03	1.20		98.83	1,621	540
V48M28B2216CUES	V22DC006	V48M28B22CU EEES	225	80	55	FR945	283B	2478.34	561	2178.39	98.78	99.03	98.95	98.80	0.87	2.56	3.11	2.95	0.96		98.94	2,120	707
V48M28B3316CUES		V48M28B33CU EEES	300	80																	99.02		



Copper Windings			Losses (Watts) Efficiency % (@Trise+20 ^o) % Regulation																	DOE2016	Inrush	
DOE2016 Catalog Number	Style	TP1 Catalog Number	kVA	Temp Rise °C	Sound Level dB (per NEMA ST-20)	Frame	Wrg Diag	Weight (lbs.)	No Load	Total @ Rise + 20	0.25	0.50	0.75	Full Load	100% PF	80% PF	%Imp Trise+20	X Trise+20	R Trise+20	Efficiency (@ 35% Load 75°C)	Absolute Max (Amps)	Practical Max (Amps)
K4 3-Phase 480V Delta-208Y/120																						
H48M28T1516CU	H15DC004	H48M28T15CUUE	15	150	45	FR940	283B	418	86.17	263.5	97.55	98.12	98.03	97.78	1.74	1.85	1.9	0.72	1.76	97.89		
H48M28T3016CU	H30DC004	H48M28T30CUUE	30	150	45	FR940	283B	458	123	513.55	98.06	98.40	98.23	97.94	1.71	2.38	2.38	1.61	1.75	98.23	511	170
H48M28T4516CU	H45DC004	H48M28T45CUUE	45	150	45	FR942	283B	677	190	651.29	98.13	98.53	98.43	98.20	1.40	1.91	1.90	1.23	1.45	98.4	1,135	378
H48M28T7516CU	H75DC004	H48M28T75CUUE	75	150	50	FR943	283B	1274	270	793.32	98.58	98.90	98.83	98.67	0.94	1.91	2.05	1.76	1.06	98.6	922	307
H48M28T1216CU	H12DC004	H48M28T12CUUE	112.5	150	50	FR943	283B	1818	360	1307.26	98.63	98.88	98.78	98.58	1.00	2.31	2.56	2.28	1.16	98.74	1,638	546
H48M28T4916CU	H49DC004	H48M28T49CUUE	150	150	50	FR944	283B	2105	439	1955.37	98.71	98.87	98.71	98.48	1.20	3.32	3.98	3.76	1.30	98.83	1,364	455
H48M28T2216CU	H22DC004	H48M28T22CUUE	225	150	55	FR945	283B	2674	570	2462.36	98.89	99.04	98.91	98.71	1.03	3.05	3.76	3.60	1.09	98.94	2,120	707
H48M28T3316CU	H33DC004	H48M28T33CUUE	300	150	55	FR945	283B	2737	570	4335.12	99.02	98.97	98.72	98.42	1.30	4.26	5.2	4.95	1.58	99.02		
H48M28F1516CU		H48M28F15CUUE	15	115																97.89		
H48M28F3016CU	H30DC005	H48M28F30CUUE	30	115	45	FR940	283B	417	123	515.11	98.17	98.44	98.26	97.97	1.69	2.31	2.31	1.55	1.72	98.23	511	170
H48M28F4516CU	H45DC005	H48M28F45CUUE	45	115	45	FR942	283B	684	190	562.29	98.24	98.65	98.59	98.41	1.22	1.71	1.71	1.17	1.25	98.4	1,135	378
H48M28F7516CU	H75DC005	H48M28F75CUUE	75	115	50	FR943	283B	1083	270	843.12	98.69	98.93	98.82	98.63	1.08	2.11	2.24	1.88	1.21	98.6	922	307
H48M28F1216CU	H12DC005	H48M28F12CUUE	112.5	115	50	FR943	283B	1394	350	1322.94	98.60	98.87	98.77	98.57	1.04	2.44	2.74	2.47	1.18	98.74	1,638	546
H48M28F4916CU	H49DC005	H48M28F49CUUE	150	115	55	FR944	283B	1856.81	418	1693.89	98.62	98.89	98.80	98.61	1.03	2.77	3.35	3.18	1.05	98.83	1,364	455
H48M28F2216CU	H22DC005	H48M28F22CUUE	225	115	55	FR945	283B	2478.34	561	2361.26	98.76	98.99	98.89	98.72	0.96	2.56	3.11	2.95	0.96	98.94	2,120	707
H48M28F3316CU		H48M28F33CUUE	300	115																99.02		
H48M28B1516CU		H48M28B15CUUE	15	80																97.89		
H48M28B3016CU	H30DC006	H48M28B30CUUE	30	80	45	FR940	283B	482	110	443.73	98.24	98.57	98.44	98.20	1.47	2.11	2.12	1.52	1.48	98.23	511	170
H48M28B4516CU	H45DC006	H48M28B45CUUE	45	80	45	FR942	283B	669	195	508.76	98.07	98.62	98.61	98.47	1.08	1.57	1.57	1.09	1.13	98.4	1,135	378
H48M28B7516CU	H75DC006	H48M28B75CUUE	75	80	50	FR943	283B	1210	243	874.33	98.54	98.84	98.74	98.56	1.07	2.49	2.83	2.58	1.17	98.6	922	307
H48M28B1216CU	H12DC006	H48M28B12CUUE	112.5	80	50	FR943	283B	1287	360	1293.12	98.65	98.91	98.80	98.60	0.91	2.44	2.76	2.51	1.15	98.74	1,638	546
H48M28B4916CU	H49DC006	H48M28B49CUUE	150	80	50	FR944	283B	2138	420	1190.47	98.85	99.13	99.09	98.98	0.44	2.68	3.47	3.38	0.79	98.83	1,364	455
H48M28B2216CU	H22DC006	H48M28B22CUUE	225	80	55	FR945	283B	2478.34	561	2178.39	98.78	99.03	98.95	98.80	0.87	2.56	3.11	2.95	0.96	98.94	2,120	707
H48M28B3316CU		H48M28B33CUUE	300	80																99.02		

Copper Windings			Losses (Watts)										Efficiency % (@Trise+20 ^o)			% Regulation			DOE2016	Inrush			
DOE2016 Catalog Number	Style	TP1 Catalog Number	kVA	Temp Rise °C	Sound Level dB (per NEMA ST-20)	Frame	Wrg Diag	Weight (lbs.)	No Load	Total @ Rise + 20	0.25	0.50	0.75	Full Load	100% PF	80% PF	%Imp Trise+20	X Trise+20	R Trise+20	Efficiency (@ 35% Load 75°C)	Absolute Max (Amps)	Practical Max (Amps)	
K13 3-Phase 480V Delta-208Y/120																							
N48M28T1516CU		N48M28T15CUUE	15	150																	97.89		
N48M28T3016CU	N30DC004	N48M28T30CUUE	30	150	45	FR940	283B	480	118	541.71	98.14	98.41	98.20	97.88	1.76	2.49	2.49	1.71	1.81	98.23	511	170	
N48M28T4516CU	N45DC004	N48M28T45CUUE	45	150	48	FR942	283B	658	190	619.31	98.13	98.55	98.47	98.27	1.35	1.83	1.83	1.21	1.38	98.4	1,135	378	
N48M28T7516CU	N75DC004	N48M28T75CUUE	75	150	53	FR943	283B	1115	245	1029.43	98.52	98.75	98.60	98.36	1.27	2.58	2.80	2.44	1.37	98.6	922	307	
N48M28T1216CU	N12DC004	N48M28T12CUUE	112.5	150	53	FR943	283B	1424	380	1135.47	98.67	98.97	98.90	98.74	0.93	2.94	3.64	3.49	1.03	98.74	1,638	546	
N48M28T4916CU	N49DC004	N48M28T49CUUE	150	150	53	FR944	283B	2132	418	1760.42	98.81	98.97	98.83	98.62	1.13	3.15	3.65	3.38	1.39	98.83	1,364	455	
N48M28T2216CU	N22DC004	N48M28T22CUUE	225	150	58	FR945	283B	2628	561	2568.54	98.83	98.99	98.86	98.65	1.02	3.00	3.64	3.46	1.14	98.94			
N48M28T3316CU		N48M28T33CUUE	300	150																99.02			
N48M28F1516CU		N48M28F15CUUE	15	115																97.89			
N48M28F3016CU	N30DC005	N48M28F30CUUE	30	115	45	FR940	283B	478	123	485.49	98.40	98.60	98.41	98.11	1.59	2.19	2.19	1.48	1.62	98.23	511	170	
N48M28F4516CU	N45DC005	N48M28F45CUUE	45	115	48	FR942	283B	658	190	580.79	98.20	98.62	98.55	98.36	1.25	1.81	1.82	1.27	1.30	98.4	1,135	378	
N48M28F7516CU	N75DC005	N48M28F75CUUE	75	115	53	FR943	283B	1115	245	995.44	98.48	98.74	98.62	98.40	1.18	2.56	2.81	2.48	1.33	98.6	922	307	
N48M28F1216CU		N48M28F12CUUE	112.5	115																98.74			
N48M28F4916CU	N49DC005	N48M28F49CUUE	150	115	53	FR944	283B	2282	418	2000.14	98.72	98.87	98.70	98.45	1.16	4.25	5.43	5.26	1.33	98.83	1,364	455	
N48M28F2216CU		N48M28F22CUUE	225	115																98.94			
N48M28F3316CU		N48M28F33CUUE	300	115																99.02			
N48M28B1516CU		N48M28B15CUUE	15	80																97.89			
N48M28B3016CU	N30DC006	N48M28B30CUUE	30	80	45	FR940	283B	507	110	449.32	98.23	98.56	98.43	98.18	1.47	2.09	2.10	1.47	1.50	98.23	511	170	
N48M28B4516CU	N45DC006	N48M28B45CUUE	45	80	53	FR942	283B	677.61	206	496.30	97.94	98.55	98.58	98.46	1.04	1.69	1.72	1.27	1.15	98.4	1,135	378	
N48M28B7516CU	N75DC006	N48M28B75CUUE	75	80	53	FR943	283B	1490	290	716.71	98.35	98.82	98.82	98.70	0.88	2.23	2.60	2.42	0.96	98.6	922	307	
N48M28B1216CU		N48M28B12CUUE	112.5	80																98.74			
N48M28B4916CU		N48M28B49CUUE	150	80																98.83			
N48M28B2216CU		N48M28B22CUUE	225	80																98.94			
N48M28B3316CU		N48M28B33CUUE	300	80																99.02			