

Desired Power Factor

	.80	.81	.82	.83	.84	.85	.86	.87	.88	.89	.90	.91	.92	.93	.94	.95	.96	.97	.98	.99	1.0
51	.937	.962	.989	1.015	1.041	1.067	1.094	1.120	1.147	1.175	1.203	1.231	1.261	1.292	1.324	1.358	1.395	1.436	1.484	1.544	1.687
52	.893	.919	.945	.971	.997	1.023	1.050	1.076	1.103	1.131	1.159	1.187	1.217	1.248	1.280	1.314	1.351	1.392	1.440	1.500	1.643
53	.850	.876	.902	.928	.954	.980	1.007	1.033	1.060	1.088	1.116	1.144	1.174	1.205	1.237	1.271	1.308	1.349	1.397	1.457	1.600
54	.809	.835	.861	.887	.913	.939	.966	.992	1.019	1.047	1.075	1.103	1.133	1.164	1.196	1.230	1.267	1.308	1.356	1.416	1.559
55	.769	.795	.821	.847	.873	.899	.926	.952	.979	1.007	1.035	1.063	1.090	1.124	1.156	1.190	1.228	1.268	1.316	1.377	1.519
56	.730	.756	.782	.808	.834	.860	.887	.913	.940	.968	.996	1.024	1.054	1.085	1.117	1.151	1.189	1.229	1.277	1.338	1.480
57	.692	.718	.744	.770	.796	.822	.849	.875	.902	.930	.958	.986	1.016	1.047	1.079	1.113	1.151	1.191	1.239	1.300	1.442
58	.655	.681	.707	.733	.759	.785	.812	.838	.865	.893	.921	.949	.979	1.010	1.042	1.076	1.114	1.154	1.202	1.263	1.405
59	.618	.644	.670	.696	.722	.748	.775	.801	.828	.856	.884	.912	.943	.973	1.005	1.039	1.077	1.117	1.165	1.226	1.368
60	.584	.610	.636	.662	.688	.714	.741	.767	.794	.822	.850	.878	.907	.939	.971	1.005	1.041	1.083	1.131	1.190	1.334
61	.549	.575	.601	.627	.653	.679	.706	.732	.759	.787	.815	.843	.873	.904	.936	.970	1.008	1.048	1.096	1.157	1.299
62	.515	.541	.567	.593	.619	.645	.672	.698	.725	.753	.781	.809	.840	.870	.902	.936	.974	1.014	1.062	1.123	1.265
63	.483	.509	.535	.561	.587	.613	.640	.666	.693	.721	.749	.777	.807	.838	.870	.904	.942	.982	1.030	1.091	1.233
64	.450	.474	.502	.528	.554	.580	.607	.633	.660	.688	.716	.744	.775	.805	.837	.871	.909	.949	.997	1.068	1.200
65	.419	.445	.471	.497	.523	.549	.576	.602	.629	.657	.685	.713	.743	.774	.806	.840	.878	.918	.966	1.027	1.169
66	.388	.414	.440	.466	.492	.518	.545	.571	.598	.626	.654	.682	.712	.743	.775	.809	.847	.887	.935	.996	1.138
67	.358	.384	.410	.436	.462	.488	.515	.541	.568	.596	.624	.652	.682	.713	.745	.779	.817	.857	.905	.966	1.108
68	.329	.355	.381	.407	.433	.459	.486	.512	.539	.567	.595	.623	.652	.684	.716	.750	.788	.828	.876	.935	1.079
69	.299	.325	.351	.377	.403	.429	.456	.482	.509	.537	.565	.593	.623	.654	.686	.720	.758	.798	.846	.907	1.049
70	.270	.296	.322	.348	.374	.400	.427	.453	.480	.508	.536	.564	.594	.625	.657	.691	.729	.769	.817	.878	1.020
71	.242	.268	.294	.320	.346	.372	.399	.425	.452	.480	.508	.536	.566	.597	.629	.663	.701	.741	.789	.850	.992
72	.213	.239	.265	.291	.317	.343	.370	.396	.423	.451	.479	.507	.538	.568	.600	.634	.672	.712	.761	.821	.963
73	.186	.212	.238	.264	.290	.316	.343	.369	.396	.424	.452	.480	.510	.541	.573	.607	.645	.685	.733	.794	.936
74	.159	.185	.211	.237	.263	.289	.316	.342	.369	.397	.425	.453	.483	.514	.546	.580	.618	.658	.706	.767	.909
75	.132	.158	.184	.210	.236	.262	.289	.315	.342	.370	.398	.426	.456	.487	.519	.553	.591	.631	.679	.740	.882
76	.105	.131	.157	.183	.209	.235	.262	.288	.315	.343	.371	.399	.429	.460	.492	.526	.564	.604	.652	.713	.855
77	.079	.105	.131	.157	.183	.209	.236	.262	.289	.317	.345	.373	.403	.434	.466	.500	.538	.578	.620	.687	.829
78	.053	.079	.105	.131	.157	.183	.210	.236	.263	.291	.319	.347	.376	.408	.440	.474	.510	.552	.594	.661	.803
79	.028	.052	.078	.104	.130	.156	.183	.209	.236	.264	.292	.320	.350	.381	.413	.447	.485	.525	.567	.634	.776
80	.000	.026	.052	.078	.104	.130	.157	.183	.210	.238	.266	.294	.324	.355	.387	.421	.459	.499	.541	.608	.750
81	-	.000	.026	.052	.078	.104	.131	.157	.184	.212	.240	.268	.298	.329	.361	.395	.433	.473	.521	.582	.724
82	-	-	.000	.026	.052	.078	.105	.131	.158	.186	.214	.242	.272	.303	.335	.369	.407	.447	.495	.556	.698
83	-	-	-	.000	.026	.052	.079	.105	.132	.160	.188	.216	.246	.277	.309	.343	.381	.421	.469	.530	.672
84	-	-	-	-	.000	.026	.053	.079	.106	.134	.162	.190	.220	.251	.283	.317	.355	.395	.443	.504	.645
85	-	-	-	-	-	.000	.026	.053	.080	.108	.136	.164	.194	.225	.257	.291	.329	.369	.417	.478	.620
86	-	-	-	-	-	-	.026	.053	.081	.109	.137	.167	.198	.230	.265	.301	.343	.390	.451	.593	
87	-	-	-	-	-	-	-	.026	.055	.082	.111	.141	.172	.204	.238	.275	.317	.364	.425	.567	
88	-	-	-	-	-	-	-	-	.026	.056	.084	.114	.145	.177	.211	.248	.290	.337	.398	.540	
89	-	-	-	-	-	-	-	-	-	.028	.056	.086	.117	.149	.183	.220	.262	.309	.370	.512	
90	-	-	-	-	-	-	-	-	-	-	.028	.058	.089	.121	.155	.192	.234	.281	.342	.484	
91	-	-	-	-	-	-	-	-	-	-	-	.030	.061	.093	.127	.164	.206	.253	.314	.456	
92	-	-	-	-	-	-	-	-	-	-	-	-	.031	.063	.097	.134	.176	.223	.284	.426	
93	-	-	-	-	-	-	-	-	-	-	-	-	-	.032	.066	.103	.145	.192	.253	.395	
94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.034	.071	.113	.160	.221	.363	
95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.037	.079	.126	.187	.328	

Original Power Factor

How To Determine kVAR Required Using Table Above

1. Determine KW and Original Power Factor.
2. Locate Original Power Factor on Table, move across table to Desired Power Factor. The number represented is your multiplier number.
3. Multiply KW by the multiplier of the Desired Power Factor.
4. The result is the amount of kVAR required to bring system to the Desired Power Factor.