



X\$D ULTRA® 841

TEFC- Extra Severe Duty

Typical Performance Data

Volts: 460

HP: 0.75 - 250

HP	FL RPM	NP FLA	Design LRA	NEMA B LRA	Code KVA/HP	FLT (lb-ft)	LRT (lb-ft)	BDT (lb-ft)	NP Eff. Full Load	Guar. Eff. Full Load	75% Load Eff	50% Load Eff	NP PF Full Load	75% Load Power Factor	50% Load Power Factor	Max KVAR
0.75	1150	1.4	7.5	12.5	P	3.4	9.7	12.3	80.0	78.5	81.4	78.7	63.5	54.4	41.9	0.6
0.75	850	1.9	7.2	12.5	P	4.6	11.6	14.9	72.0	70.0	72.2	67.4	52.5	43.7	33.4	1.0
1	3540	1.3	12.8	10.0	N	1.5	4.6	6.3	87.5	86.5	89.3	88.0	81.5	75.1	63.2	0.4
1	1750	1.4	11.7	15.0	N	3.0	12.0	14.4	86.5	85.5	87.1	85.1	76.0	68.0	55.0	0.5
1	1155	1.8	10.8	15.0	N	4.6	14.6	18.1	82.5	81.5	83.4	80.9	62.5	53.5	41.1	0.8
1	875	2.2	10.5	15.0	N	6.0	11.0	19.3	80.0	78.5	79.6	75.6	52.5	43.9	33.3	1.2
1.5	3530	2.0	18.9	20.0	M	2.2	7.2	9.5	87.5	86.5	89.6	88.7	81.0	74.2	61.8	0.6
1.5	1740	2.1	16.6	20.0	M	4.5	17.4	20.4	86.5	85.5	87.6	86.3	77.5	69.9	56.9	0.8
1.5	1175	2.4	17.1	20.0	M	6.7	14.3	29.0	87.5	86.5	88.3	86.5	68.0	59.6	46.8	1.0
1.5	870	3.2	14.8	20.0	M	9.0	16.7	26.7	80.0	78.5	80.5	77.1	55.5	46.7	35.6	1.6
2	3515	2.7	23.9	25.0	L	3.0	9.2	12.0	86.5	85.5	89.2	88.6	80.5	73.2	60.4	0.8
2	1730	2.7	20.5	25.0	L	6.1	22.0	25.4	86.5	85.5	88.0	87.3	80.0	72.9	60.2	0.9
2	1170	3.0	22.2	25.0	L	9.0	19.2	37.8	88.5	87.5	88.8	87.4	69.5	61.4	48.6	1.2
2	880	3.8	20.5	25.0	L	11.9	21.6	38.2	86.5	85.5	85.8	83.2	57.0	48.9	37.4	1.9
3	3530	3.8	26.3	32.0	K	4.5	9.4	14.3	89.5	88.5	91.4	90.8	82.0	76.5	65.2	1.0
3	1760	4.2	29.3	32.0	K	8.9	22.7	30.1	89.5	88.5	89.8	88.8	75.5	68.7	56.2	1.5
3	1180	4.2	30.6	32.0	K	13.4	32.3	44.4	89.5	88.5	89.8	88.6	74.0	67.0	54.5	1.6
3	875	5.3	27.8	32.0	K	18.0	31.3	50.8	86.5	85.5	86.4	84.8	61.0	53.1	41.3	2.5
5	3540	6.2	45.7	46.0	J	7.4	17.9	25.2	90.2	89.5	91.3	90.3	84.0	79.3	69.2	1.5
5	1755	6.6	43.1	46.0	J	15.0	34.4	43.8	89.5	88.5	90.5	90.1	79.5	74.2	63.4	2.0
5	1175	7.1	45.9	46.0	J	22.4	48.3	61.2	89.5	88.5	90.2	89.7	74.0	68.2	56.5	2.5
5	880	8.0	44.1	46.0	J	29.8	54.6	89.2	89.5	88.5	89.6	88.1	65.0	56.8	44.3	3.5
7.5	3535	8.5	61.7	63.5	H	11.1	23.7	31.5	91.0	90.2	91.4	90.7	90.5	88.6	82.8	1.6
7.5	1770	9.1	61.2	63.5	H	22.3	41.5	61.3	91.7	91.0	92.1	91.7	84.5	81.6	73.4	2.2
7.5	1175	9.8	61.2	63.5	H	33.5	67.1	91.5	91.7	91.0	92.3	91.7	78.5	72.9	62.1	2.9
7.5	880	11.5	60.1	63.5	H	44.8	77.8	121.7	89.5	88.5	90.1	89.2	68.0	60.5	47.9	4.6
10	3525	11.2	76.3	81.0	H	14.9	31.2	38.5	91.0	90.2	91.9	91.8	92.0	90.6	86.5	1.8
10	1765	12.0	78.3	81.0	H	29.7	54.3	78.5	91.7	91.0	92.3	92.2	85.0	82.1	74.3	2.9
10	1170	13.0	78.4	81.0	H	44.8	87.9	118.6	91.0	90.2	92.0	91.8	79.0	73.6	62.8	3.9
10	880	13.7	78.5	81.0	H	59.5	89.6	142.3	90.2	89.5	91.0	91.0	75.5	70.2	59.3	4.2
15	3550	17.5	111.7	116.0	G	22.2	44.1	53.6	91.7	91.0	92.3	92.0	87.5	86.1	81.0	2.8
15	1770	18.0	109.5	116.0	G	44.5	97.3	114.0	92.4	91.7	93.0	92.9	84.5	81.1	72.4	4.3
15	1185	19.5	107.8	116.0	G	66.6	95.9	162.7	91.7	91.0	92.9	92.5	78.5	73.4	62.6	5.8
15	880	20.3	115.9	116.0	G	89.5	141.0	217.4	90.2	89.5	91.0	91.3	76.5	71.6	61.1	5.9
20	3550	22.6	143.4	145.0	G	29.6	66.8	65.7	92.4	91.7	93.3	93.4	89.5	89.6	87.2	2.5
20	1770	23.3	138.4	145.0	G	59.4	130.3	144.0	93.0	92.4	93.6	93.8	86.5	84.3	77.5	4.7
20	1180	25.8	139.9	145.0	G	88.8	127.1	212.7	91.7	91.0	93.1	92.9	79.0	74.3	63.9	7.4
20	875	29.8	136.5	145.0	G	119.8	189.3	261.3	91.0	90.2	91.8	91.2	69.0	60.6	48.9	11.4
25	3555	27.8	183.2	182.5	G	36.9	95.8	93.9	93.0	92.4	93.4	93.1	90.5	89.6	85.4	3.9
25	1775	29.6	177	182.5	G	73.9	125.2	182.5	93.6	93.0	94.0	93.9	84.5	81.5	73.2	6.9
25	1180	32.3	168.8	182.5	G	111.4	204.2	253.6	93.0	92.4	93.3	92.9	78.0	71.9	61.5	9.7
25	875	37	166.4	182.5	G	150.0	235.3	319.7	91.0	90.2	91.9	91.4	69.5	61.7	50.2	13.7

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30	3550	33.2	217.6	217.5	G	44.4	117.1	111.2	93.0	92.4	93.6	93.4	91.0	89.8	85.9	4.5
30	1775	35.1	205.5	217.5	G	88.7	147.8	212.0	93.6	93.0	94.1	94.2	85.5	82.4	74.7	7.8
30	1175	38.2	201.3	217.5	G	133.8	252.2	302.6	93.0	92.4	93.6	93.3	79.0	72.9	62.8	11.1
30	890	42.2	188.5	217.5	G	177.2	243.3	384.3	92.4	91.7	93.9	93.3	72.0	64.1	52.4	15.1
40	3575	46.8	276.8	290.0	G	58.8	94.1	148.9	94.1	93.6	94.0	92.9	85.0	77.3	68.0	12.0
40	1785	50.8	279.9	290.0	G	117.8	205.5	273.4	94.5	94.1	94.5	93.9	78.0	71.1	60.0	16.4
40	1185	49.4	270.9	290.0	G	176.9	274.0	441.1	94.1	93.6	94.6	94.2	80.5	73.9	63.3	14.8
40	890	55.9	254.2	290.0	G	236.4	336.8	518.3	93.0	92.4	94.1	93.5	72.0	64.3	52.5	20.1
50	3570	57.3	342.7	362.5	G	73.5	126.7	183.2	94.5	94.1	94.6	93.8	86.5	80.0	71.6	13.2
50	1780	63.9	341.0	362.5	G	147.4	256.1	332.2	94.5	94.1	94.6	94.1	77.5	70.7	59.7	20.6
50	1185	62.2	333.3	362.5	G	221.3	344.7	543.6	94.1	93.6	94.7	94.5	80.0	73.9	63.3	18.4
50	885	66.6	340.5	362.5	G	297.3	455.4	768.9	93.0	92.4	94.2	93.8	75.5	68.0	56.2	22.8
60	3570	70.4	376.7	435.0	G	88.3	116.7	207.4	95.0	94.5	94.8	93.9	84.0	76.2	66.7	18.4
60	1780	71.2	407.3	435.0	G	177.1	359.6	443.2	95.0	94.5	95.1	94.7	83.0	77.6	67.9	19.5
60	1190	72.5	401.9	435.0	G	264.3	383.8	607.8	95.0	94.5	95.1	94.6	81.5	76.2	66.4	20.1
60	885	78.9	409.1	435.0	G	356.8	560.0	927.6	93.0	92.4	94.5	94.2	76.5	68.7	57.1	26.5
75	3580	85.2	517.2	542.5	G	110.1	158.8	304.5	95.8	95.4	95.6	94.8	86.0	78.5	69.0	21.6
75	1785	86.6	513.1	542.5	G	220.8	347.0	552.4	95.4	95.0	95.7	95.5	85.0	80.7	72.1	21.0
75	1190	89.6	483.8	542.5	G	330.5	477.3	730.0	95.0	94.5	95.4	95.0	82.5	77.7	68.7	23.1
75	890	94	482.2	542.5	G	442.2	616.5	1019.6	94.5	94.1	95.2	94.7	79.0	73.1	62.9	27.6
100	3570	108	707.2	725.0	G	147.0	241.5	384.8	95.4	95.0	95.7	95.5	91.0	87.1	82.0	17.4
100	3570	108	707.2	725.0	G	147.0	241.5	384.8	95.4	95.0	95.7	95.5	91.0	87.1	82.0	17.4
100	1785	119	587.6	725.0	G	293.9	427.5	668.7	95.8	95.4	96.0	95.8	82.0	76.7	67.0	32.9
100	1195	116	684.8	725.0	G	440.2	590.2	1070.7	95.4	95.0	95.4	94.8	84.5	79.6	71.0	29.0
100	890	125	644.3	725.0	G	590.0	848.7	1371.3	94.5	94.1	95.3	94.9	79.0	72.9	62.7	37.0
125	3580	139	809.4	907.5	G	183.3	220.9	474.2	95.4	95.0	95.8	95.3	88.0	82.0	74.3	29.9
125	3580	136	789.1	907.5	G	183.3	236.9	462.1	95.4	95.0	96.0	95.6	90.0	85.7	80.0	23.8
125	1780	144	723.1	907.5	G	368.4	625.3	865.9	95.8	95.4	95.8	95.4	85.0	80.9	72.8	34.2
125	1190	150	850.7	907.5	G	550.7	977.6	1296.8	95.4	95.0	95.5	95.0	81.5	76.2	66.5	41.6
125	890	155	829.6	907.5	G	737.7	1125.9	1813.5	95.0	94.5	95.4	95.1	79.5	73.5	63.5	45.0
150	3580	163	997.9	1085.0	G	220.0	315.0	577.7	95.8	95.4	96.3	95.9	90.0	85.6	79.6	29.1
150	3580	162	1009.8	1085.0	G	219.9	329.0	584.3	95.8	95.4	96.3	96	90.5	86.5	81	27.4
150	1790	170	1033.2	1085.0	G	439.7	523.1	1157.0	96.2	95.8	96.5	96.1	86.0	81.6	73.2	40.7
150	1195	171	1030.6	1085.0	G	660.4	1001.9	1755.9	95.8	95.4	95.8	95.5	85.5	81.1	73.0	40.2
150	890	184	978.0	1085.0	G	885.0	1338.5	2104.7	95.0	94.5	95.8	95.6	80.5	75.3	65.9	49.4
200	3580	214	1320.7	1450.0	G	293.3	430.9	816.9	95.8	95.4	95.8	95.3	91.5	88.3	84.1	31.5
200	3580	214	1377.3	1450.0	G	293.2	452.5	851.9	95.8	95.4	95.9	95.4	91.5	88.3	83.8	32.2
200	1790	220	1312.4	1450.0	G	586.1	717.7	1493.0	96.5	96.2	96.8	96.5	88.0	84.9	78.3	44.2
200	1190	229	1343.0	1450.0	G	881.0	1343.0	2294.0	95.8	95.4	96.0	95.8	85.5	81.6	73.8	51.7
200	890	247	1380.0	1450.0	G	1181.0	1954.0	3018.0	95.4	95.0	95.7	95.5	79.5	73.7	63.6	71.6
250	3575	265	1556.9	1825.0	G	366.9	561.2	949.0	95.8	95.4	96.1	95.9	92.0	89.8	86.9	32.6
250	3575	265	1556.9	1825.0	G	366.9	561.2	949.0	95.8	95.4	96.1	95.9	92.0	89.8	86.9	32.6
250	1790	280	1636.6	1825.0	G	732.7	898.6	1859.0	96.2	95.8	96.1	95.5	87.0	83.6	76.5	59.9

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