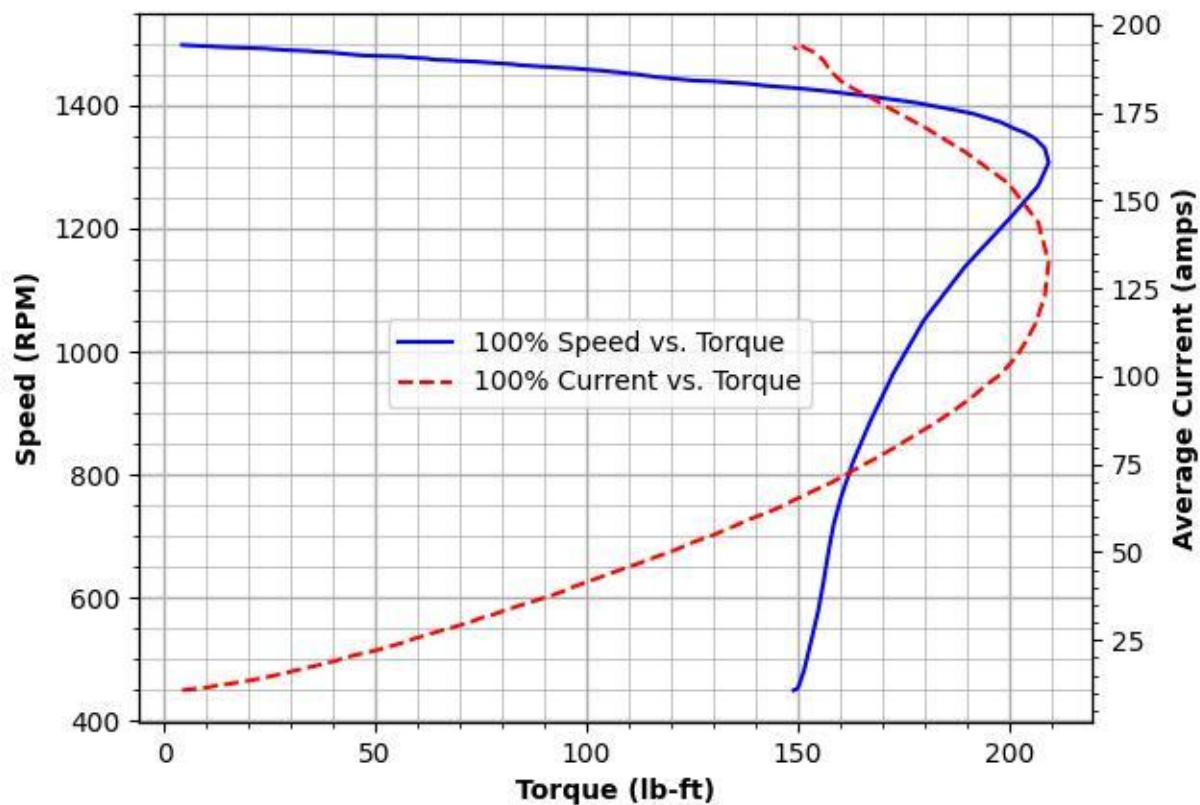




Dedication Load Testing
Schulz Electric Job Number N-9471
AAF Purchase Order Number 45668
3 HP Motor
ID Number df
Shop Instruction N-9471-LT, 100 Speed vs. Torque Characteristic Curves



Collected Data for 100 Voltage									
Torque (lbf-ft)	Speed (RPM)	Voltage				Current			
		Phase 1-2	Phase 1-3	Phase 2-3	Average	Phase 1	Phase 2	Phase 3	Average
4.3	1498.0	380	380	380	380	10.7	10.8	10.7	10.7
6.5	1497.0	380	380	380	380	10.9	11.0	11.0	11.0
10.2	1496.0	380	380	380	380	11.5	11.6	11.5	11.5
12.5	1495.0	380	380	380	380	12.0	12.1	12.0	12.0
15.4	1494.0	380	380	380	380	12.5	12.4	12.5	12.5
20.3	1493.0	380	380	380	380	13.5	13.6	13.4	13.5
24.2	1492.0	380	380	380	380	14.5	14.4	14.3	14.4
25.8	1491.0	380	380	380	380	14.8	14.9	14.7	14.8
28.0	1490.0	380	380	380	380	15.4	15.5	15.4	15.4
31.0	1489.0	380	380	380	380	16.4	16.2	16.2	16.3
34.5	1488.0	380	380	380	380	17.2	17.4	17.2	17.3
35.5	1487.0	380	380	380	380	17.7	17.6	17.4	17.5
39.2	1486.0	380	380	380	380	18.7	18.8	18.8	18.7
40.5	1485.0	380	380	380	380	19.1	19.1	18.9	19.0
42.0	1484.0	380	380	380	380	19.6	19.6	19.6	19.6
43.6	1483.0	380	380	380	380	20.2	20.3	20.1	20.2
45.2	1482.0	380	380	380	380	20.8	20.7	20.5	20.7
46.8	1481.0	380	380	380	380	21.1	21.2	21.1	21.1
50.7	1480.0	380	380	380	380	22.2	22.3	22.0	22.2
56.5	1479.0	380	380	380	380	24.1	24.4	24.0	24.2
57.3	1478.0	380	380	380	380	24.6	24.5	24.5	24.5
59.3	1477.0	380	380	380	380	25.5	25.4	25.3	25.4
62.2	1476.0	380	380	380	380	26.4	26.6	26.2	26.4
64.0	1474.0	380	380	380	380	27.2	27.1	27.2	27.1
67.7	1473.0	380	380	380	380	28.5	28.4	28.4	28.4
69.5	1472.0	380	380	380	380	28.9	29.2	28.9	29.0
73.4	1471.0	380	380	380	380	30.3	30.7	30.4	30.5
75.4	1470.0	380	380	380	380	31.6	31.4	31.2	31.4
77.4	1469.0	380	380	380	380	31.9	32.2	32.0	32.0
79.7	1468.0	380	380	380	380	33.2	33.1	32.8	33.0
82.0	1467.0	380	380	380	380	33.8	33.9	33.9	33.9
84.4	1465.0	380	380	380	380	34.9	35.1	34.6	34.9
87.0	1464.0	380	380	380	380	35.8	35.7	35.8	35.8
88.7	1463.0	380	380	380	380	36.4	36.6	36.5	36.5
91.8	1462.0	380	380	380	380	37.7	37.7	37.7	37.7
94.0	1461.0	380	380	380	380	38.6	38.9	38.3	38.6
96.8	1460.0	380	380	380	380	40.1	40.0	40.0	40.1
100.2	1458.0	380	380	380	380	41.3	41.8	41.3	41.5
104.0	1456.0	380	380	380	380	43.3	43.2	43.0	43.2
108.1	1453.0	380	380	380	380	44.7	45.2	45.0	45.0
112.2	1450.0	380	380	380	380	46.7	47.0	46.4	46.7
116.4	1446.0	380	380	380	380	48.6	48.4	48.6	48.6
120.8	1443.0	380	380	380	380	50.3	50.8	50.5	50.5
125.5	1440.0	380	380	380	380	53.1	53.0	52.6	52.9
129.9	1439.0	380	380	380	380	54.8	54.7	55.0	54.8
133.9	1437.0	380	380	380	380	56.7	57.2	56.6	56.8
138.3	1435.0	380	380	380	380	59.5	59.1	58.9	59.2
141.9	1432.0	380	380	380	380	61.1	60.7	60.7	60.8
145.5	1430.0	380	380	380	380	62.3	63.0	62.5	62.6
149.5	1428.0	380	380	380	380	65.2	65.2	64.5	65.0
153.9	1425.0	380	380	380	380	67.4	67.5	67.6	67.5
158.2	1422.0	380	380	380	380	69.8	70.4	69.5	69.9
162.8	1418.0	380	380	380	380	73.3	72.9	72.7	73.0
167.8	1414.0	380	380	380	380	75.8	76.5	76.1	76.2
172.9	1409.0	380	380	380	380	79.9	80.3	78.9	79.7
178.1	1404.0	380	380	380	380	83.4	83.5	83.5	83.5
182.8	1398.0	380	380	380	380	86.4	87.7	86.6	86.9
187.4	1392.0	380	380	380	380	90.8	90.8	90.1	90.6
191.7	1386.0	380	380	380	380	94.1	94.5	94.9	94.5
195.4	1378.0	380	380	380	380	98.2	98.7	97.7	98.2

197.9	1373.0	380	380	380	380	100.7	100.8	99.7	100.4
201.6	1361.0	380	380	380	380	105.1	105.9	104.8	105.3
203.6	1356.0	380	380	380	380	109.9	109.0	108.6	109.1
206.2	1346.0	380	380	380	380	114.6	115.1	114.5	114.7
208.5	1330.0	380	380	380	380	123.3	123.6	121.5	122.8
209.4	1307.0	380	380	380	380	133.0	132.6	131.8	132.5
206.9	1269.0	380	380	380	380	143.3	145.0	143.0	143.8
199.9	1214.0	380	380	380	380	155.7	155.6	153.2	154.8
189.6	1138.0	380	380	380	380	164.2	163.7	163.4	163.8
179.9	1051.0	380	380	380	380	171.2	172.3	169.2	170.9
172.6	964.0	380	380	380	380	176.9	175.6	174.3	175.6
167.2	887.0	380	380	380	380	179.0	181.1	177.9	179.3
163.1	821.0	380	380	380	380	183.1	182.5	179.9	181.8
160.3	764.0	380	380	380	380	183.5	186.1	182.1	183.9
158.5	719.0	380	380	380	380	186.5	188.3	182.9	185.9
157.2	671.0	380	380	380	380	188.7	188.4	186.4	187.8
156.1	625.0	380	380	380	380	190.5	192.1	186.7	189.8
154.9	580.0	380	380	380	380	192.8	191.3	189.2	191.1
153.5	539.0	380	380	380	380	193.1	194.6	189.2	192.3
151.5	482.0	380	380	380	380	194.0	195.2	191.1	193.5
150.8	468.0	380	380	380	380	196.2	194.6	191.6	194.2
150.2	456.0	380	380	380	380	195.6	195.8	190.4	193.9
150.1	454.0	380	380	380	380	194.8	194.4	192.7	194.0
149.7	452.0	380	380	380	380	195.1	193.6	191.3	193.3
149.4	451.0	380	380	380	380	193.8	193.6	192.8	193.4
149.0	450.0	380	380	380	380	194.1	193.1	191.8	193.0