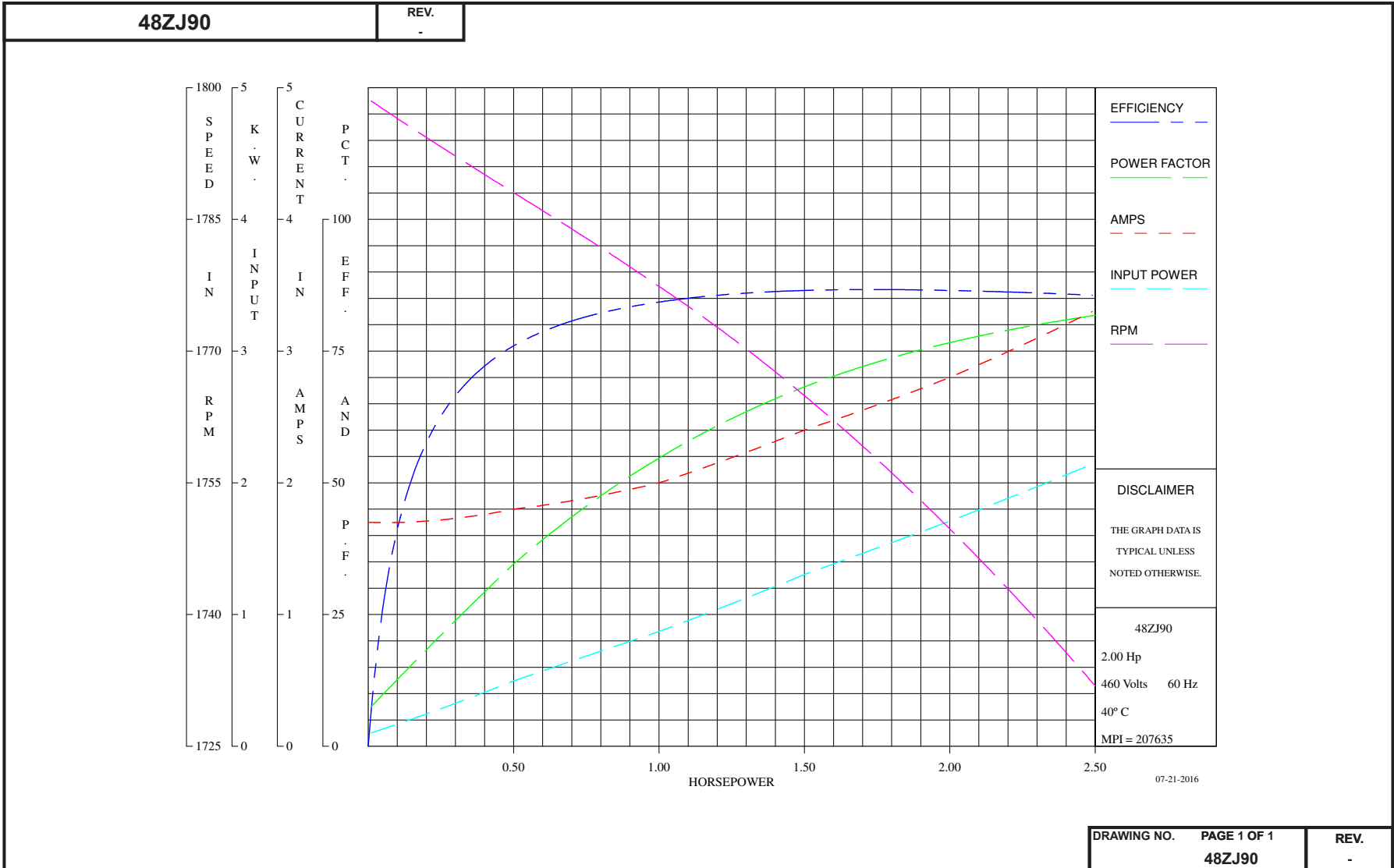


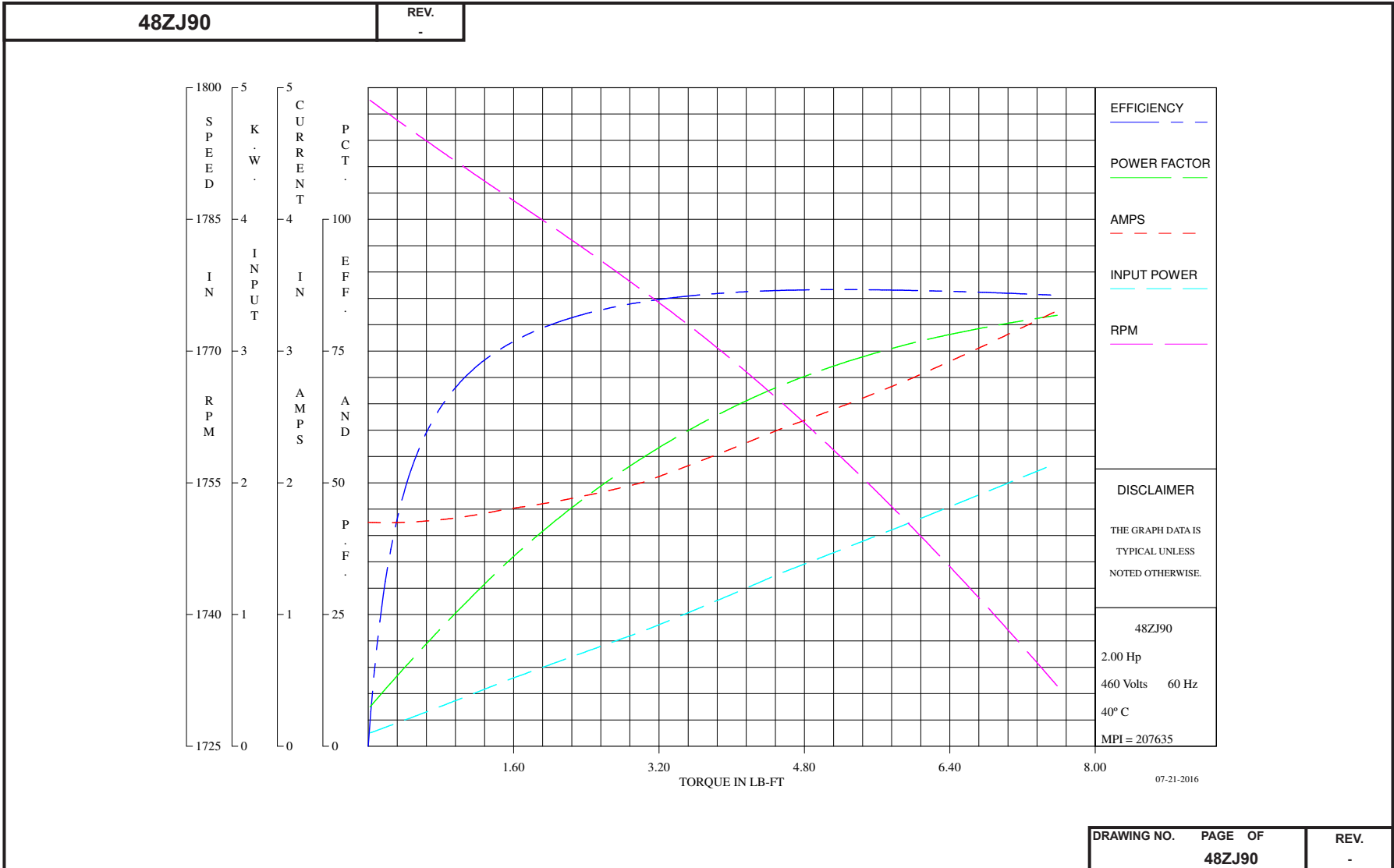
<b>48ZJ90</b>	<b>REV.</b> -																																																																																																																																																																																																																																																																
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</tr> <tr> <td style="padding-left: 20px;">NO LOAD</td> <td>7.5</td> <td>7.5</td> <td>8</td> <td>7.5</td> <td>7.5</td> </tr> <tr> <td style="padding-left: 20px;">LOCKED ROTOR</td> <td>66.6</td> <td>66.6</td> <td>65.2</td> <td>71.6</td> <td>71.6</td> </tr> <tr> <td>AMPS:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">S.F.</td> <td>3.3</td> <td>6.7</td> <td>7.2</td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">FULL</td> <td>2.8</td> <td>5.7</td> <td>5.9</td> <td>3.3</td> <td>6.6</td> </tr> <tr> <td style="padding-left: 20px;">3/4</td> <td>2.4</td> <td>4.8</td> <td>4.8</td> <td>2.6</td> <td>5.3</td> </tr> <tr> <td style="padding-left: 20px;">1/2</td> <td>2</td> <td>4.1</td> <td>3.9</td> <td>2.1</td> <td>4.3</td> </tr> <tr> <td style="padding-left: 20px;">1/4</td> <td>1.8</td> <td>3.6</td> <td>3.2</td> <td>1.8</td> <td>3.6</td> </tr> <tr> <td style="padding-left: 20px;">NO LOAD</td> <td>1.7</td> <td>3.5</td> <td>3</td> 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(SEC)</td> <td>10</td> <td>10</td> <td>13</td> <td>12</td> <td>12</td> </tr> <tr> <td>SOUND PRESSURE (DBA @ 1M)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>TORQUES:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">BREAKDOWN{% F.L.}</td> <td>478</td> <td>478</td> <td>382</td> <td>356</td> <td>356</td> </tr> <tr> <td style="padding-left: 20px;">LOCKED ROTOR{% F.L.}</td> <td>368</td> <td>368</td> <td>289</td> <td>290</td> <td>290</td> </tr> <tr> <td style="padding-left: 20px;">FULL LOAD{LB-FT}</td> <td>6</td> <td>6</td> <td>6.1</td> <td>7.3</td> <td>7.3</td> </tr> </table>						MPI:	207635	207636	207637	207638	207639	HP:	2	2	2	2	2	POLES:	4	4	4	4	4	VOLTS:	460	230	208	380	190	HZ:	60	60	60	50	50	SERVCE FACTOR:	1.25	1.25	1.25	1	1	EFFICIENCY (%):						S.F.	85.6	85.6	83.6			FULL	86.5	86.5	85.5	83.9	83.9	3/4	86.5	86.5	86.7	85.7	85.7	1/2	84.3	84.3	85.5	85.1	85.1	1/4	76	76	78.7	78.6	78.6	POWER FACTOR (%):						S.F.	81.8	81.8	85.4			FULL	76.6	76.6	81.7	82.3	82.3	3/4	68.2	68.2	74.9	75.1	75.1	1/2	54.7	54.7	62.6	62.2	62.2	1/4	34.6	34.6	41	39.7	39.7	NO LOAD	7.5	7.5	8	7.5	7.5	LOCKED ROTOR	66.6	66.6	65.2	71.6	71.6	AMPS:						S.F.	3.3	6.7	7.2			FULL	2.8	5.7	5.9	3.3	6.6	3/4	2.4	4.8	4.8	2.6	5.3	1/2	2	4.1	3.9	2.1	4.3	1/4	1.8	3.6	3.2	1.8	3.6	NO LOAD	1.7	3.5	3	1.7	3.4	LOCKED ROTOR	25.3	51	45	22.6	45	NEMA CODE LETTER	M	M	K	J	J	NEMA DESIGN LETTER	B	B	B	B	B	FULL LOAD RPM	1750	1750	1735	1430	1430	NEMA NOMINAL / EFFICIENCY (%)	86.5	86.5	85.5	83.9	83.9	GUARANTEED EFFICIENCY (%)	84	84	82.5	80	80	MAX KVAR	1.2	1.2	0.9	1	1	AMBIENT (°C)	40	40	40	40	40	ALTITUDE (FASL)	3300	3300	3300	3300	3300	SAFE STALL TIME-HOT (SEC)	10	10	13	12	12	SOUND PRESSURE (DBA @ 1M)	0	0	0	0	0	TORQUES:						BREAKDOWN{% F.L.}	478	478	382	356	356	LOCKED ROTOR{% F.L.}	368	368	289	290	290	FULL LOAD{LB-FT}	6	6	6.1	7.3	7.3
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# Performance Curve

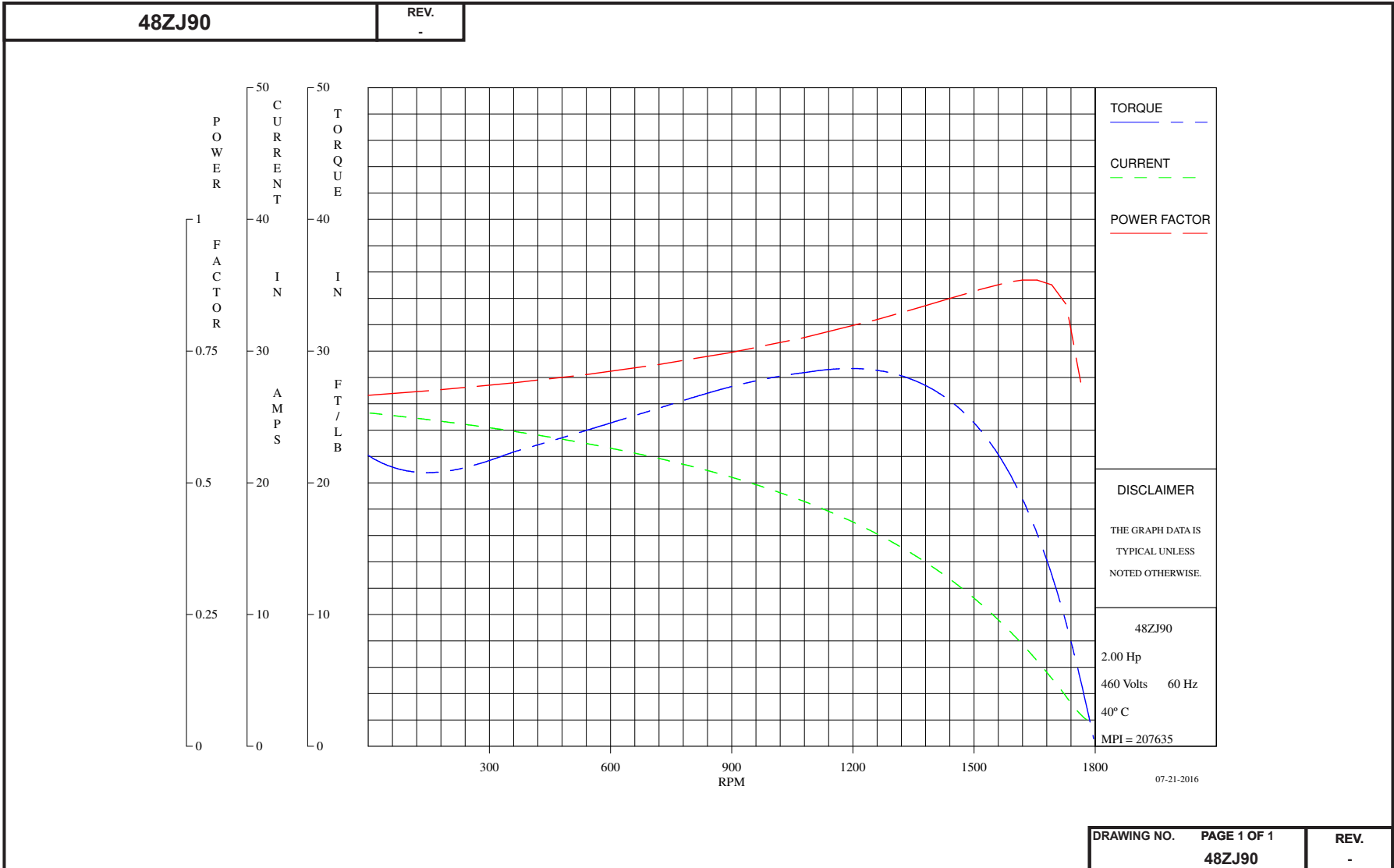


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# Performance Curve

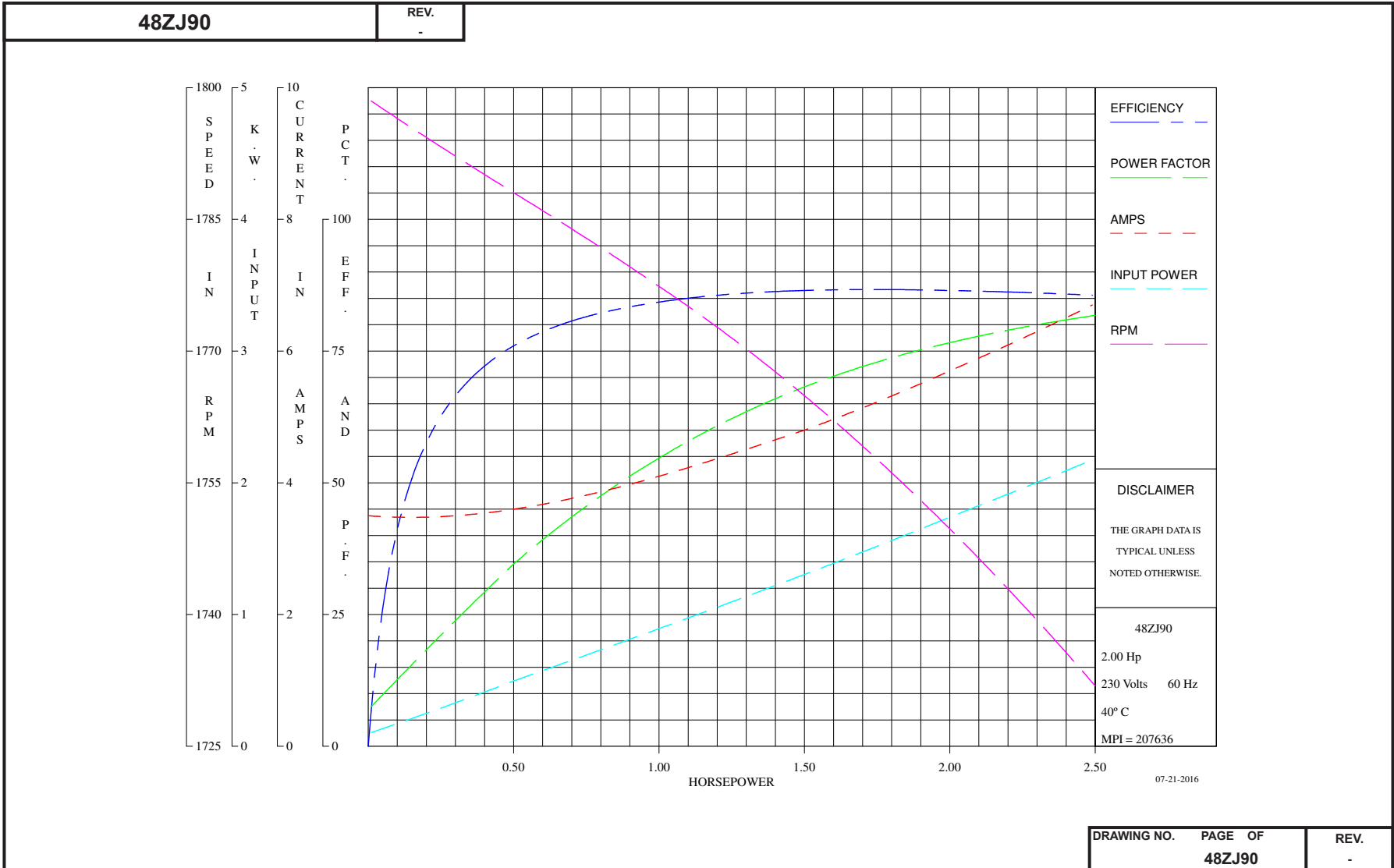


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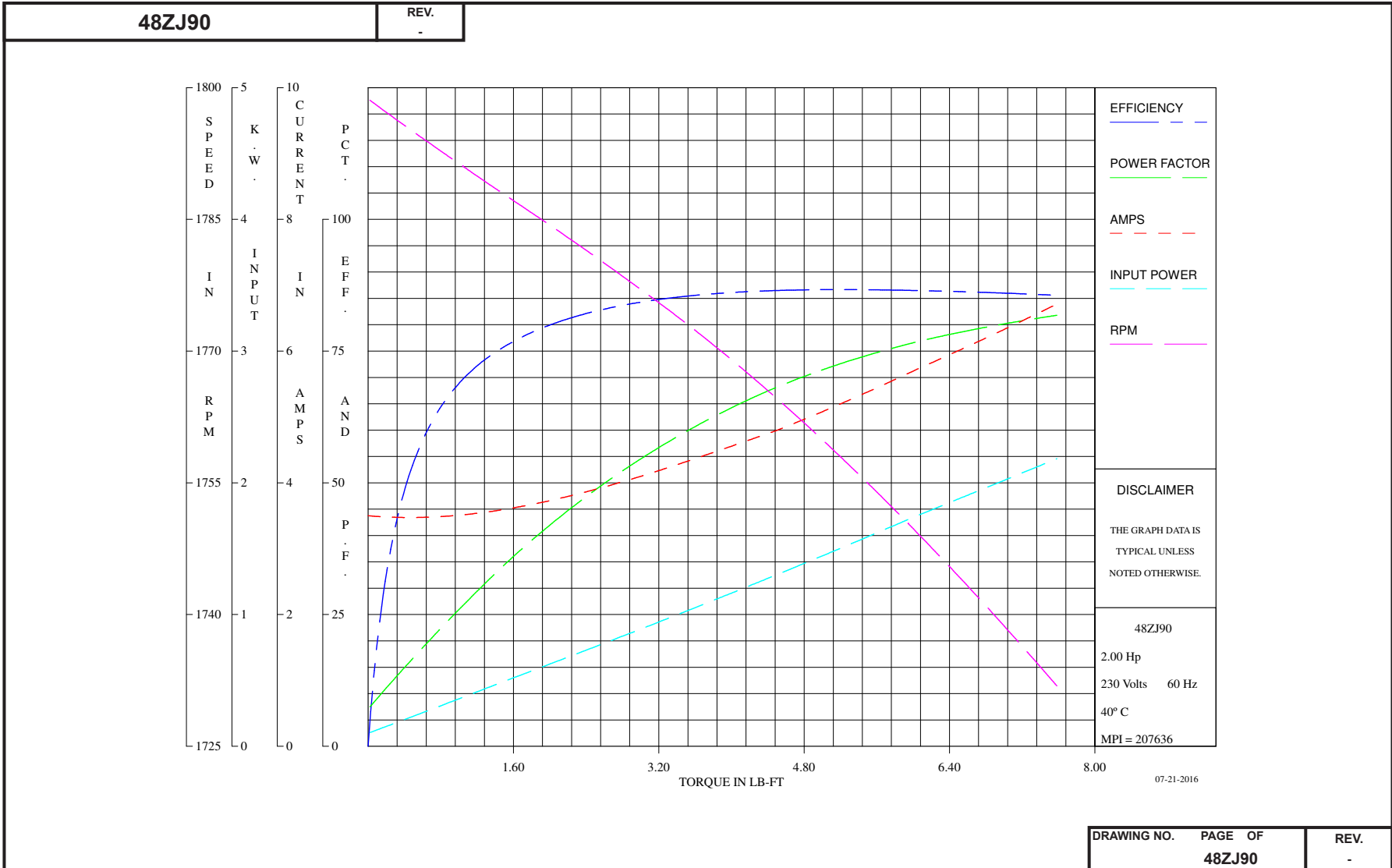
**Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA**

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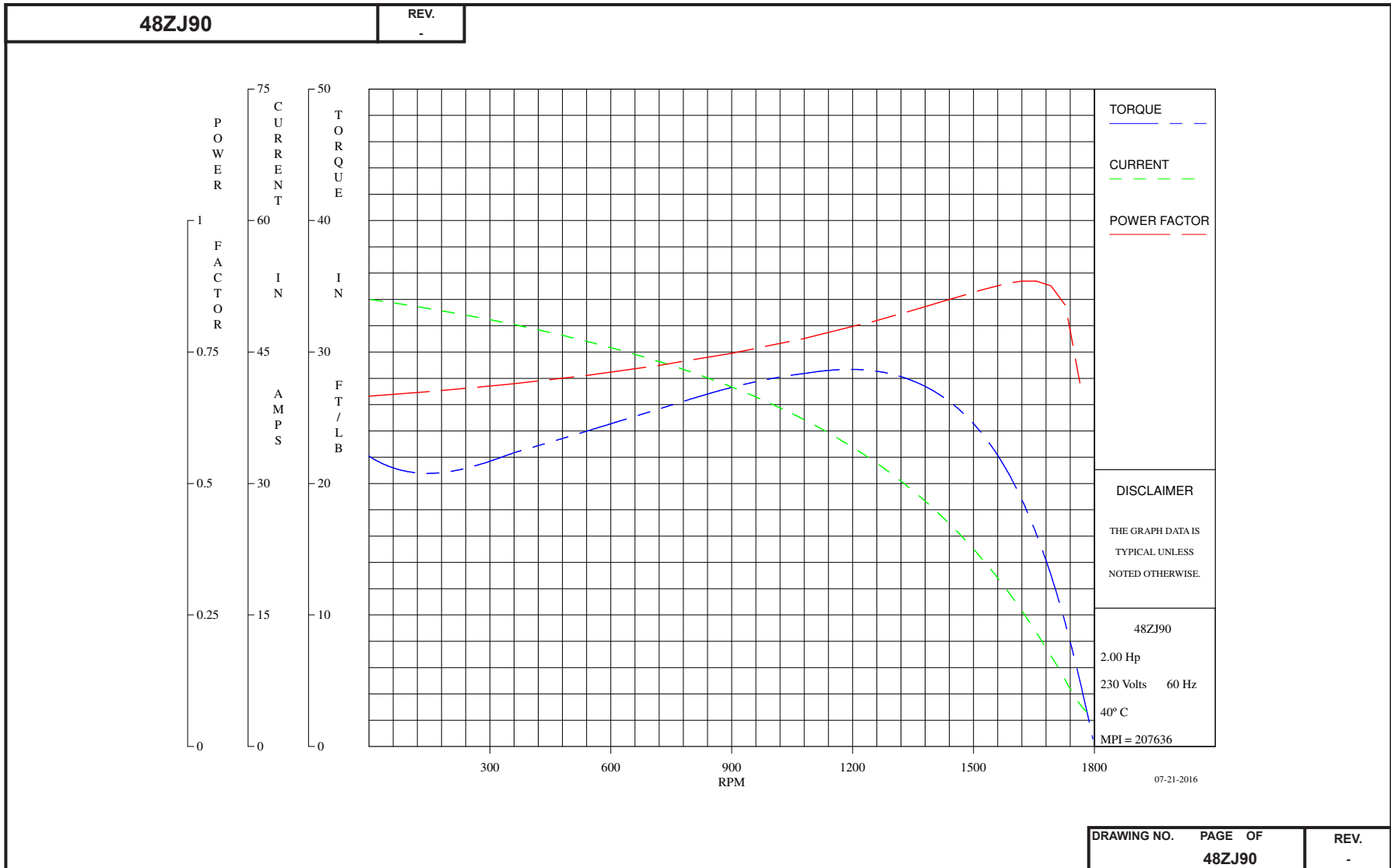
**Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA**

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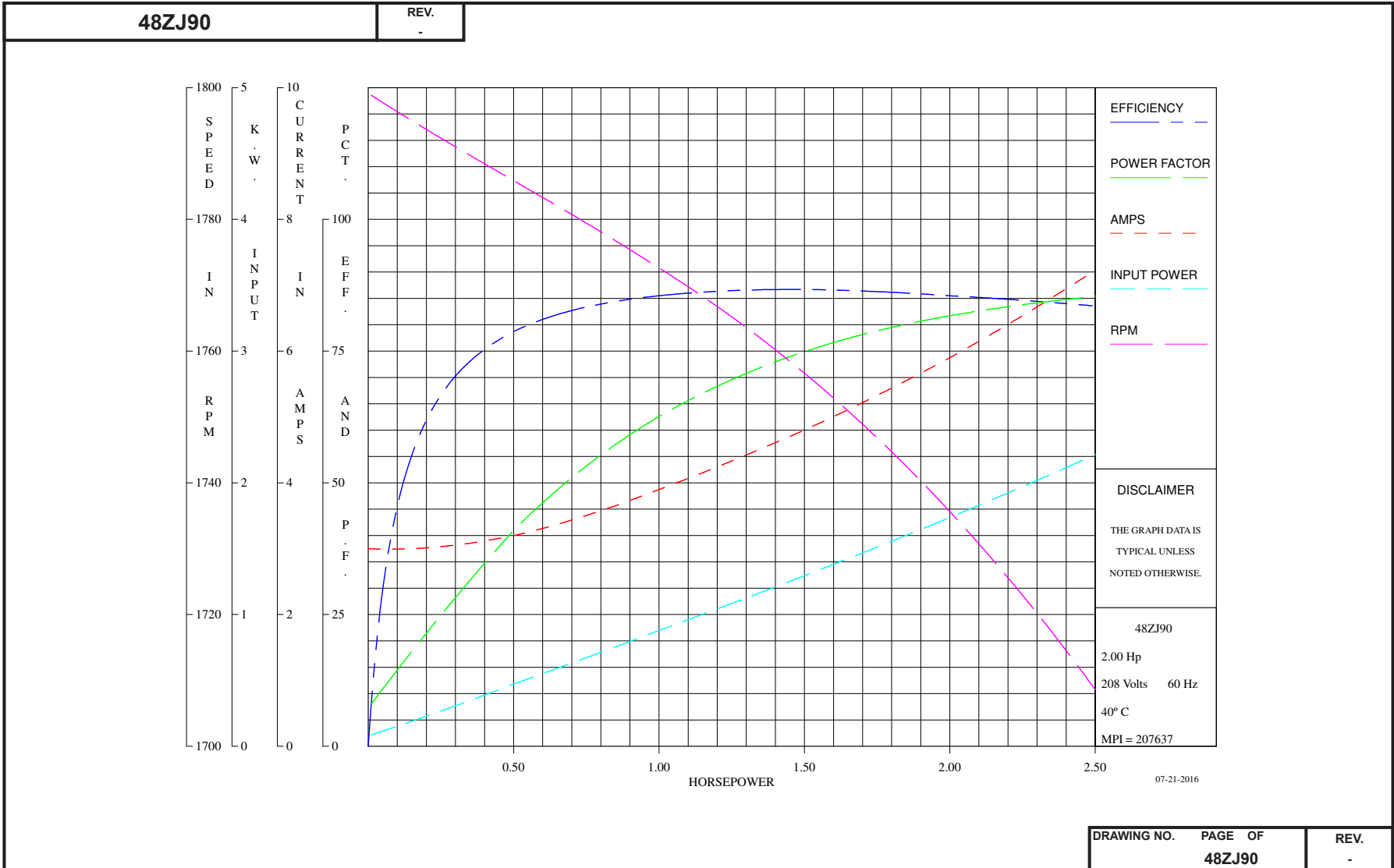
**Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA**

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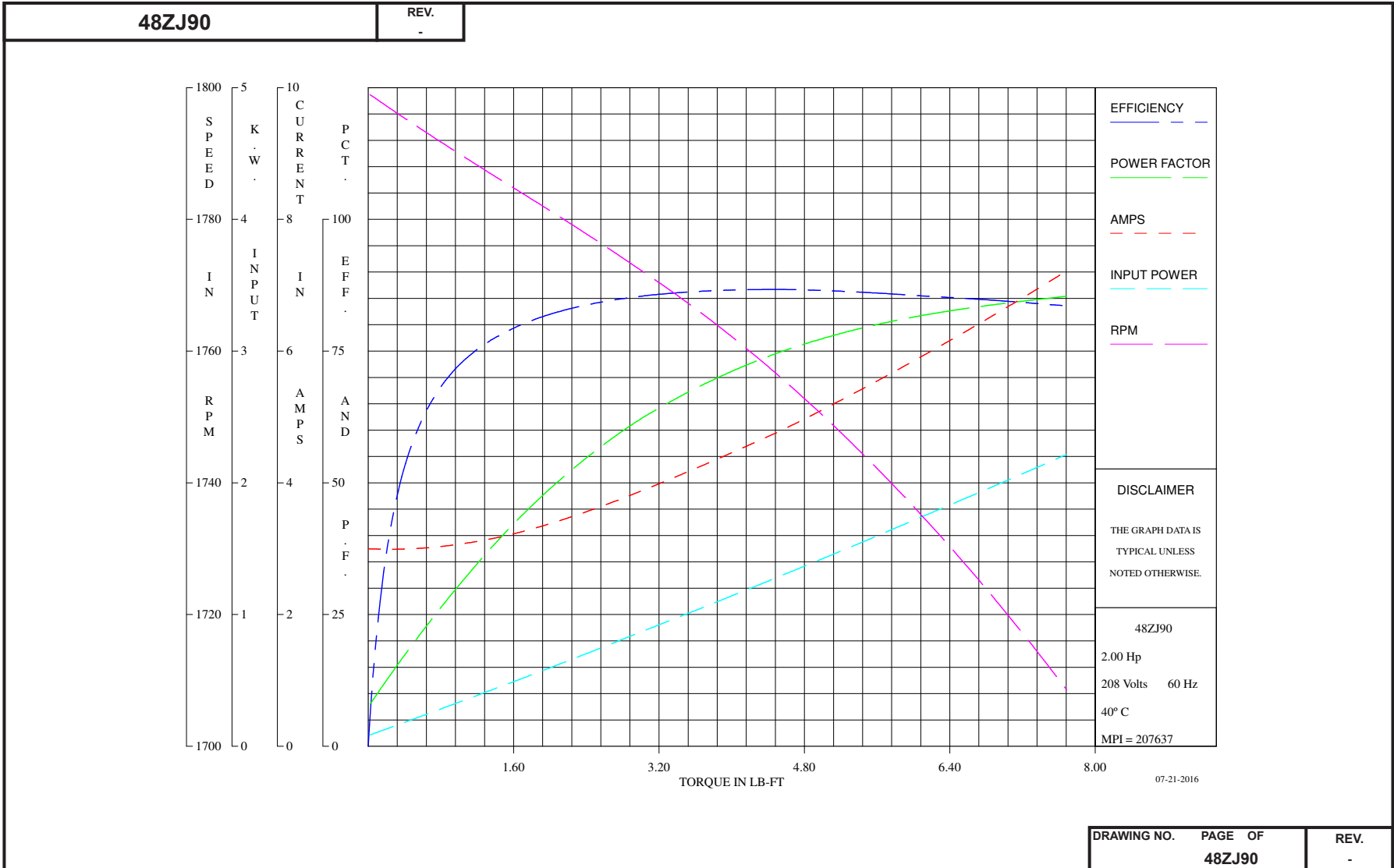


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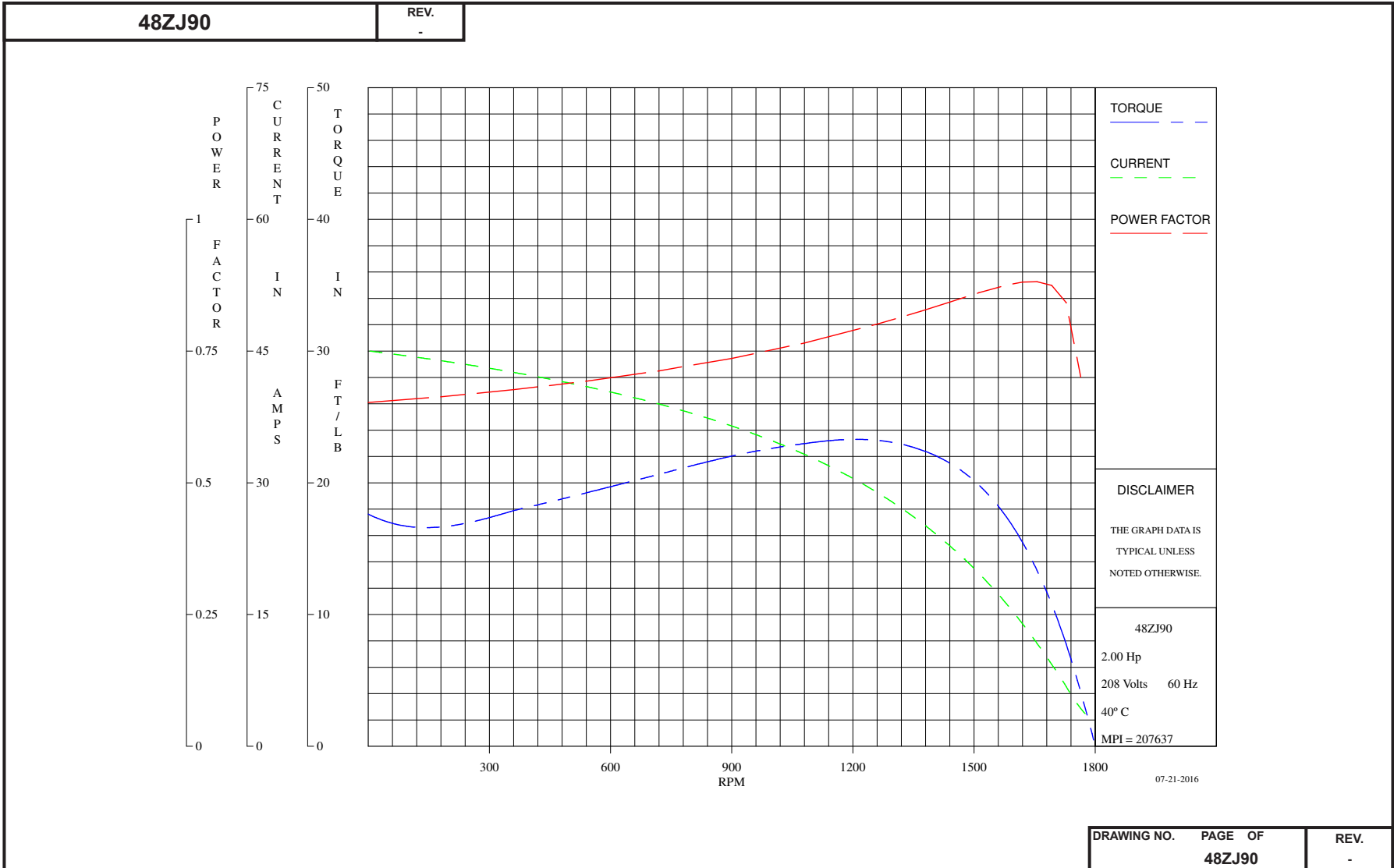


**Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA**

# Performance Curve



# Performance Curve



# Wiring Diagram

