

| | | | | | | | | |
|------------|--------|----------------|------|---------------------------------------|-----------|--|--------|----------|
| S/O | - | VOLTS | 690 | ENCLOSURE | DPFV | WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C) | | |
| FRAME | RL5835 | AMPS | 1155 | MAX SAFE SPEED | 2100 | | | |
| HP | 1500 | DUTY | CONT | IM (AMPS) | 434 | R1 | .00322 | X1 .0341 |
| BASE SPEED | 1187 | S.F. | 1.0 | P.F. @NL / FL | .020/.861 | R2 | .00267 | X2 .0326 |
| PHASE/HZ | 3/40 | AMB.°C / INSUL | 40/H | WK ² (Lb-Ft ²) | 388 | | | XM .930 |

RATED FULL LOAD DATA

| | RPM | HP | TORQUE LB-FT | FUND VOLTS | FREQ-HZ | AMPS |
|------------|------|------|-----------------|---------------|---------|------|
| BASE SPEED | 1187 | 1500 | 6633 | 690 | 40 | 1155 |
| MAX SPEED | 1187 | 1500 | 6633 | 690 | 40 | 1155 |
| MIN SPEED | 0 | 0 | 6633 | 10.8 | .428 | 1155 |

LOAD PERFORMANCE AT BASE SPEED

| | RPM | HP | TORQUE LB-FT | FUND VOLTS | FREQ-HZ | AMPS |
|-----------|------|------|-----------------|---------------|---------|------|
| NO LOAD | 1200 | 0 | 0 | 690 | 40 | 434 |
| 1/4 | 1197 | 375 | 1646 | 690 | 40 | 510 |
| 1/2 | 1194 | 749 | 3296 | 690 | 40 | 683 |
| 3/4 | 1191 | 1124 | 4957 | 690 | 40 | 905 |
| FULL LOAD | 1187 | 1499 | 6633 | 690 | 40 | 1155 |
| 0/L | 1171 | 2959 | 13265 | 690 | 40 | 2361 |

REMARKS:
TYPICAL DATA

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 APPROVED BY: B.SPIRES
 DATE: 07-07-25

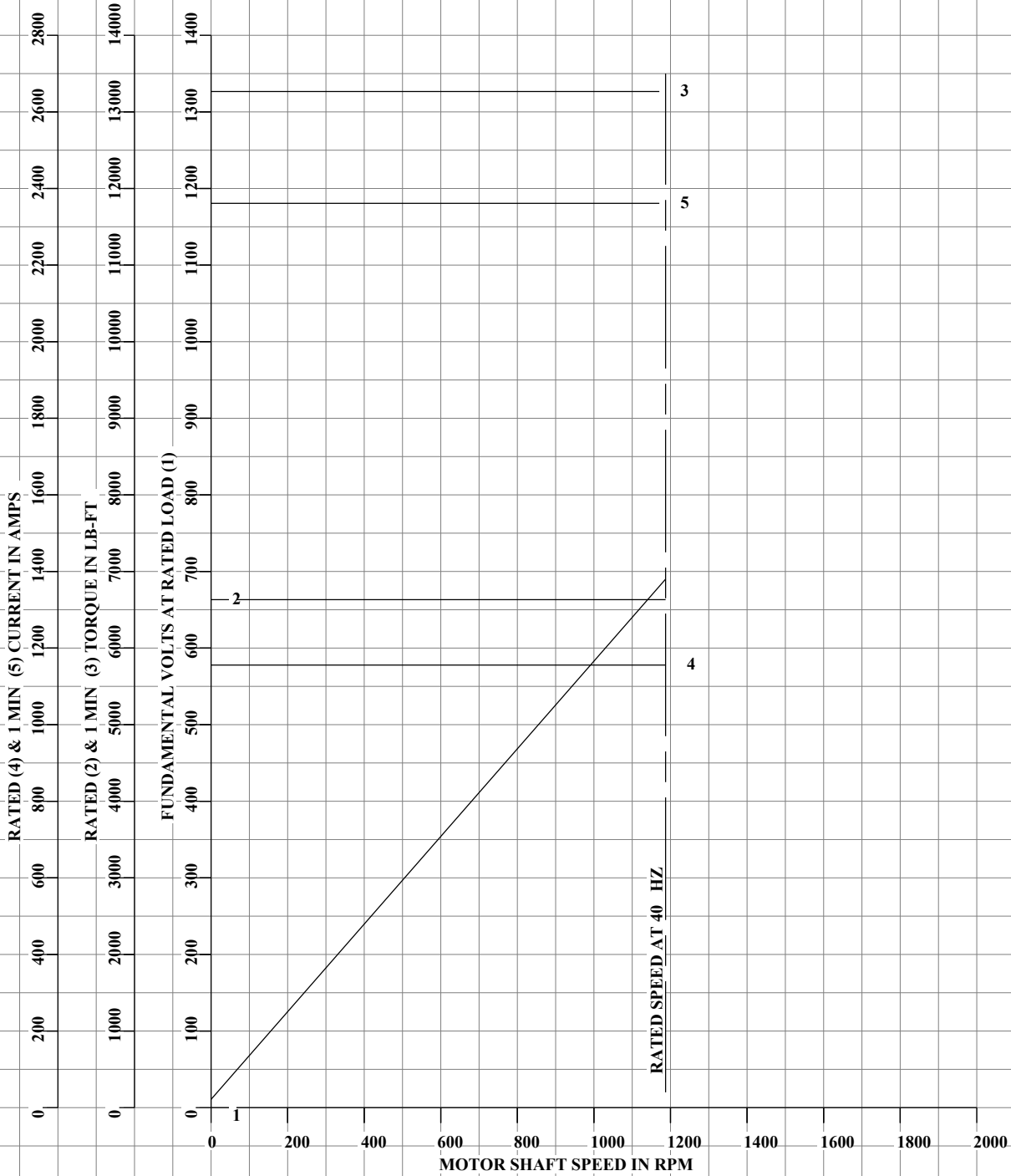
AC MOTOR
PERFORMANCE
DATA

L9912A

ISSUE DATE 07-07-25

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|------------|--------|----------------|------|---------------------------------------|-----------|--------------------------------|--------|----------|
| S/O | - | VOLTS | 690 | ENCLOSURE | DPFV | WYE CONN EQ CKT OHMS PER PHASE | | |
| FRAME | RL5835 | AMPS | 1155 | MAX SAFE SPEED | 2100 | (AT BASE RATING, 25°C) | | |
| HP | 1500 | DUTY | CONT | IM (AMPS) | 434 | R1 | .00322 | X1 .0341 |
| BASE SPEED | 1187 | S.F. | 1.0 | P.F. @NL / FL | .020/.861 | R2 | .00267 | X2 .0326 |
| PHASE/HZ | 3/40 | AMB.°C / INSUL | 40/H | WK ² (Lb-Ft ²) | 388 | | | XM .930 |

VARIABLE SPEED AC MOTOR CURVES



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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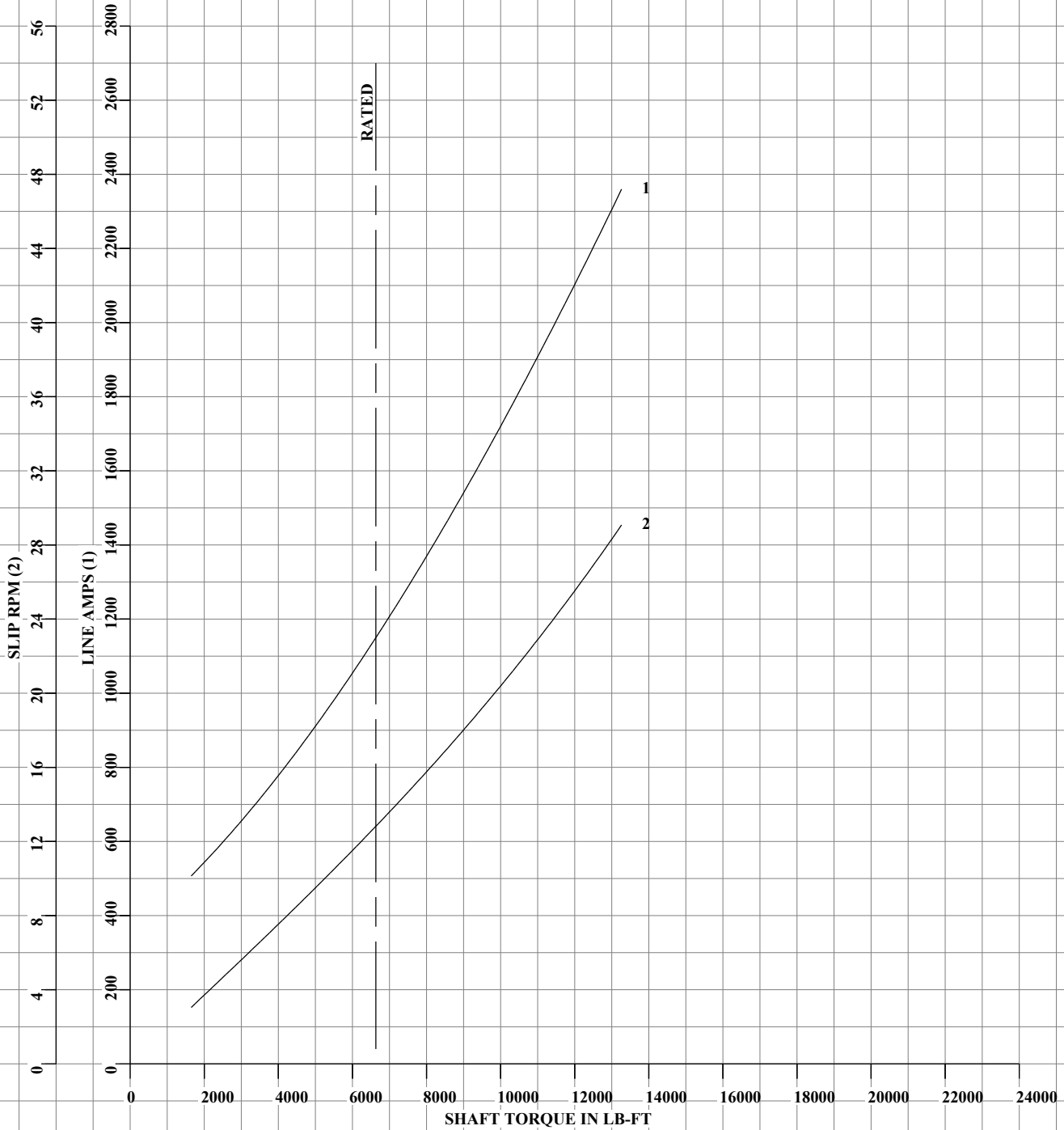
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|------------|--------|----------------|------|---------------------------------------|-----------|--------------------------------|--------|----------|
| S/O | - | VOLTS | 690 | ENCLOSURE | DPFV | WYE CONN EQ CKT OHMS PER PHASE | | |
| FRAME | RL5835 | AMPS | 1155 | MAX SAFE SPEED | 2100 | (AT BASE RATING, 25°C) | | |
| HP | 1500 | DUTY | CONT | IM (AMPS) | 434 | R1 | .00322 | X1 .0341 |
| BASE SPEED | 1187 | S.F. | 1.0 | P.F. @NL / FL | .020/.861 | R2 | .00267 | X2 .0326 |
| PHASE/HZ | 3/40 | AMB.°C / INSUL | 40/H | WK ² (Lb-Ft ²) | 388 | | | XM .930 |

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



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 PERFORMANCE
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