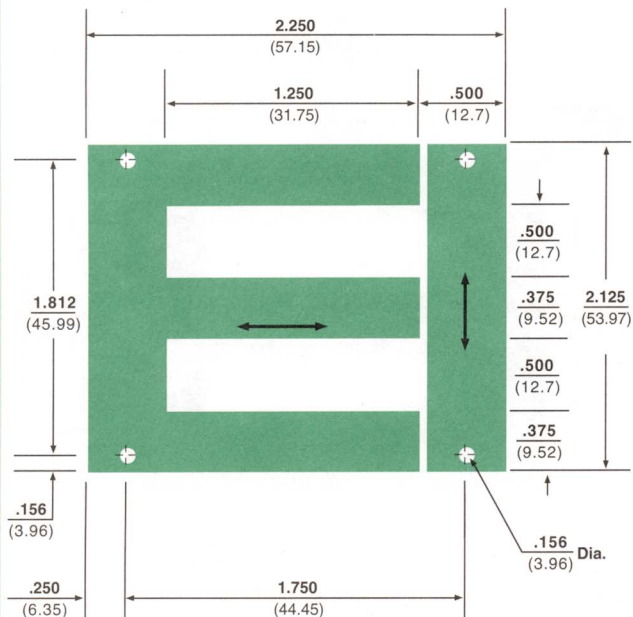


THREE PHASE EI— $\frac{3}{8}$

(10mm)



| THICKNESS | | LAMINATION WEIGHTS | | | |
|-----------|------|--------------------|--------|----------|---------|
| in. | mm. | lb./1 K | Kg/1 K | El's/lb. | El's/Kg |
| .0185 | 0.47 | | | | |
| .014 | 0.35 | 12.70 | 5.753 | 78.74 | 173.228 |
| .011 | 0.28 | 9.979 | 4.528 | 100.2 | 220.8 |
| .009 | 0.23 | 8.160 | 3.702 | 122.5 | 270.1 |
| .007 | 0.18 | 6.350 | 2.881 | 157.5 | 347.1 |
| .006 | 0.15 | 5.42 | 2.45 | 185 | 407 |
| .004 | 0.10 | 3.62 | 1.64 | 276 | 609 |

CHARACTERISTICS OF CORE STACK HAVING SQUARE CENTER

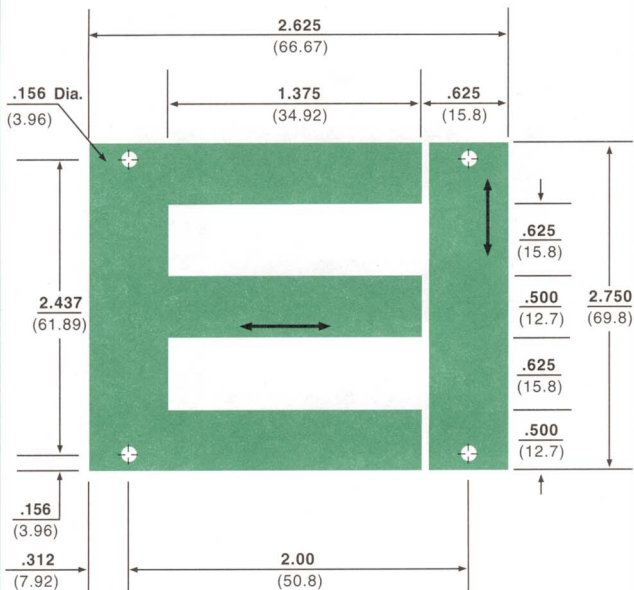
| VOLUME | | WEIGHT | | WINDOW AREA | |
|---------|---------|--------|-------|-------------|---------|
| cu. in. | cu. cm. | lbs. | grams | sq. in. | sq. cm. |
| 1.295 | 21.20 | 0.358 | 162.5 | 0.625 | 4.035 |

MAGNETIC PATH DIMENSIONS AND DESIGN FORMULAS

$$A = 0.141 \text{ in.}^2 = 0.908 \text{ cm.}^2$$

THREE PHASE EI— $\frac{1}{2}$

(13mm)



| THICKNESS | | LAMINATION WEIGHTS | | | |
|-----------|------|--------------------|--------|----------|---------|
| in. | mm. | lb./1 K | Kg/1 K | El's/lb. | El's/Kg |
| .0185 | 0.47 | | | | |
| .014 | 0.35 | 20.65 | 9.354 | 48.43 | 106.546 |
| .011 | 0.28 | 16.225 | 7.362 | 61.6 | 135.8 |
| .009 | 0.23 | 13.275 | 6.023 | 75.3 | 166.0 |
| .007 | 0.18 | 10.325 | 4.685 | 96.9 | 213.4 |
| .006 | 0.15 | 8.84 | 4.00 | 113 | 248.6 |
| .004 | 0.10 | 5.90 | 2.67 | 170 | 374 |

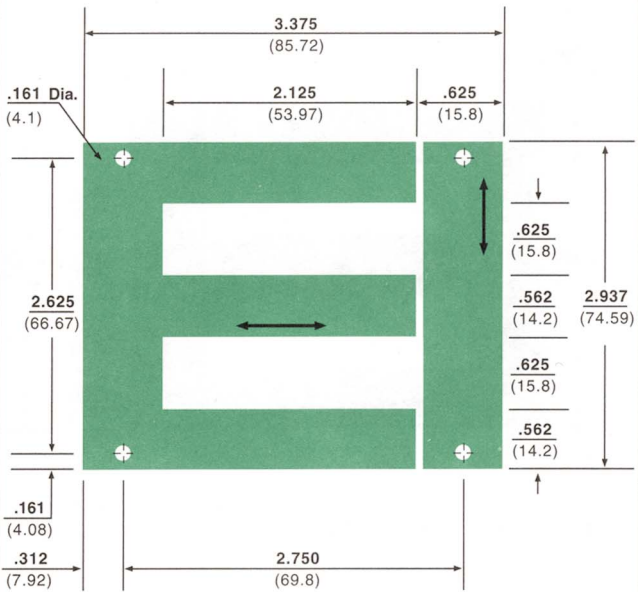
CHARACTERISTICS OF CORE STACK HAVING SQUARE CENTER

| VOLUME | | WEIGHT | | WINDOW AREA | |
|---------|---------|--------|-------|-------------|---------|
| cu. in. | cu. cm. | lbs. | grams | sq. in. | sq. cm. |
| 2.72 | 44.60 | 0.752 | 341 | 0.859 | 5.55 |

MAGNETIC PATH DIMENSIONS AND DESIGN FORMULAS

$$A = 0.250 \text{ in.}^2 = 1.615 \text{ cm.}^2$$

THREE PHASE EI— $\frac{9}{16}$ (14mm)



| THICKNESS | | LAMINATION WEIGHTS | | | |
|-----------|------|--------------------|--------|----------|---------|
| in. | mm. | lb./1 K | Kg/1 K | El's/lb. | El's/Kg |
| .0185 | 0.47 | | | | |
| .014 | 0.35 | | | | |
| .011 | 0.28 | | | | |
| .009 | 0.23 | | | | |
| .007 | 0.18 | 15.687 | 7.113 | 63.7 | 140.6 |
| .006 | 0.15 | 13.36 | 6.05 | 74.50 | 163.9 |
| .004 | 0.10 | 7.92 | 3.59 | 126.0 | 277.2 |

CHARACTERISTICS OF CORE STACK HAVING SQUARE CENTER

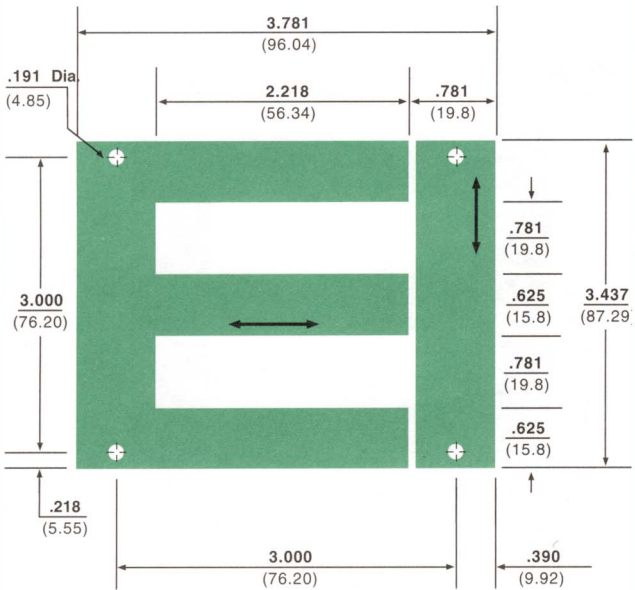
| VOLUME | | WEIGHT | | WINDOW AREA | |
|---------|---------|--------|-------|-------------|---------|
| cu. in. | cu. cm. | lbs. | grams | sq. in. | sq. cm. |
| 3.53 | 57.40 | 0.978 | 443 | 1.328 | 8.575 |

MAGNETIC PATH DIMENSIONS AND DESIGN FORMULAS

$$A = 0.316.^2 = 2.04 \text{ cm.}^2$$

THREE PHASE EI— $\frac{5}{8}$

(16mm)



| THICKNESS | | LAMINATION WEIGHTS | | | |
|-----------|------|--------------------|--------|----------|---------|
| in. | mm. | lb./1 K | Kg/1 K | El's/lb. | El's/Kg |
| .0185 | 0.47 | | | | |
| .014 | 0.35 | 36.90 | 16.71 | 27.10 | 59.62 |
| .011 | 0.28 | 28.993 | 13.155 | 34.5 | 76.0 |
| .009 | 0.23 | 23.721 | 10.763 | 42.2 | 94.7 |
| .007 | 0.18 | 18.450 | 8.371 | 54.2 | 119.5 |
| .006 | 0.15 | 15.82 | 7.166 | 63.21 | 139.062 |
| .004 | 0.10 | 10.54 | 4.774 | 94.87 | 208.714 |

CHARACTERISTICS OF CORE STACK HAVING SQUARE CENTER

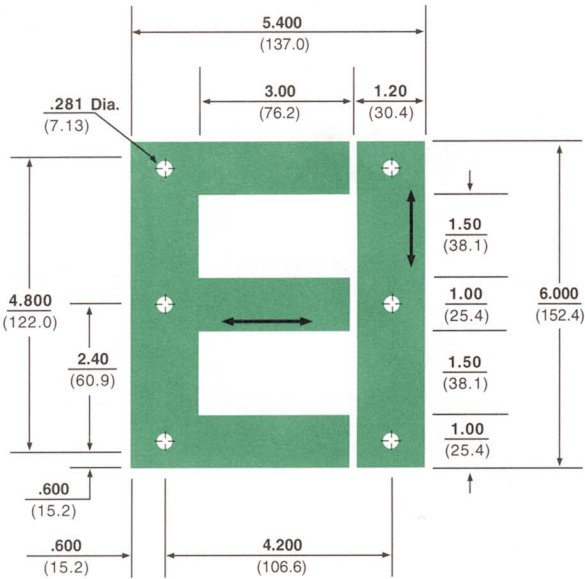
| VOLUME | | WEIGHT | | WINDOW AREA | |
|---------|---------|--------|-------|-------------|---------|
| cu. in. | cu. cm. | lbs. | grams | sq. in. | sq. cm. |
| 5.91 | 97.0 | 1.64 | 743 | 1.74 | 11.30 |

MAGNETIC PATH DIMENSIONS AND DESIGN FORMULAS

$$A = 0.391 \text{ in.}^2 = 2.52 \text{ cm.}^2$$

THREE PHASE EI—1.00

(25mm)



| THICKNESS | | LAMINATION WEIGHTS | | | |
|-----------|------|--------------------|--------|----------|---------|
| in. | mm. | lb./1 K | Kg/1 K | El's/lb. | El's/Kg |
| .0185 | 0.47 | | | | |
| .014 | 0.35 | 87.0 | 39.4 | 11.49 | 25.278 |
| .011 | 0.28 | 68.357 | 31.015 | 14.6 | 32.2 |
| .009 | 0.23 | 55.929 | 25.376 | 17.9 | 39.4 |
| .007 | 0.18 | 43.500 | 19.737 | 23.0 | 50.7 |
| .006 | 0.15 | 36.7 | 16.6 | 27.24 | 59.928 |
| .004 | 0.10 | | | | |

CHARACTERISTICS OF CORE STACK HAVING SQUARE CENTER

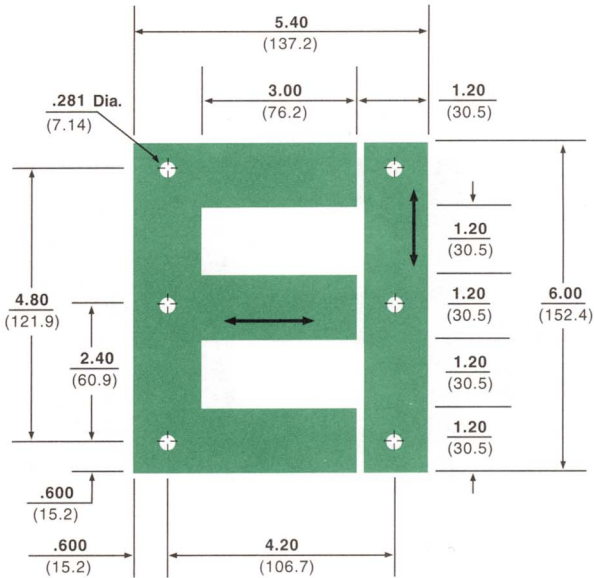
| VOLUME | | WEIGHT | | WINDOW AREA | |
|---------|---------|--------|-------|-------------|---------|
| cu. in. | cu. cm. | lbs. | grams | sq. in. | sq. cm. |
| 23.03 | 373 | 6.38 | 2896 | 4.50 | 29.0 |

MAGNETIC PATH DIMENSIONS AND DESIGN FORMULAS

$$A = 1.00 \text{ in.}^2 = 6.45 \text{ cm.}^2$$

THREE PHASE EI—1.20

(30mm)



| THICKNESS | | LAMINATION WEIGHTS | | | |
|-----------|------|--------------------|--------|----------|---------|
| in. | mm. | lb./1 K | Kg/1 K | El's/lb. | El's/Kg |
| .0185 | 0.47 | | | | |
| .014 | 0.35 | 97.0 | 43.9 | 10.3 | 22.66 |
| .011 | 0.28 | 76.214 | 34.580 | 13.1 | 28.9 |
| .009 | 0.23 | 62.357 | 28.293 | 16.0 | 35.3 |
| .007 | 0.18 | 48.500 | 22.005 | 20.6 | 45.4 |
| .006 | 0.15 | 39.4 | 17.8 | 25.0 | 55 |
| .004 | 0.10 | 26.3 | 11.9 | 38.0 | 83.6 |

CHARACTERISTICS OF CORE STACK HAVING SQUARE CENTER

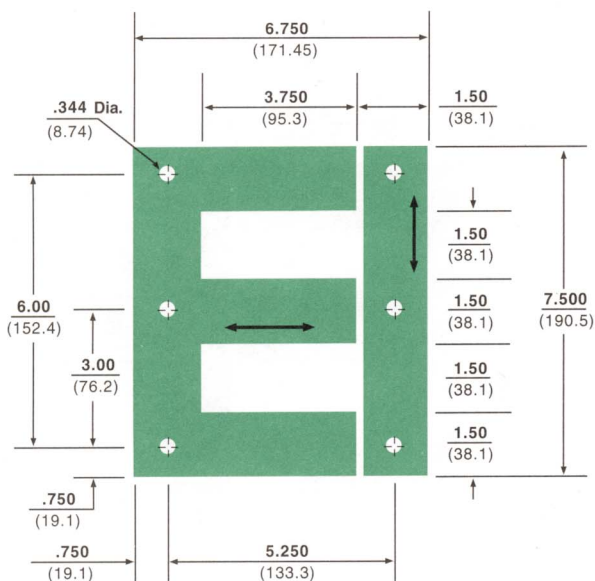
| VOLUME | | WEIGHT | | WINDOW AREA | |
|---------|---------|--------|-------|-------------|---------|
| cu. in. | cu. cm. | lbs. | grams | sq. in. | sq. cm. |
| 29.8 | 488 | 8.23 | 3733 | 3.60 | 23.25 |

MAGNETIC PATH DIMENSIONS AND DESIGN FORMULAS

$$A = 1.44 \text{ in.}^2 = 9.30 \text{ cm.}^2$$

THREE PHASE EI—1.50

(38mm)



| THICKNESS | | LAMINATION WEIGHTS | | | |
|-----------|------|--------------------|--------|----------|---------|
| in. | mm. | lb./1 K | Kg/1 K | El's/lb. | El's/Kg |
| .0185 | 0.47 | | | | |
| .014 | 0.35 | 151.0 | 68.40 | 6.62 | 14.56 |
| .011 | 0.28 | 118.643 | 53.832 | 8.4 | 18.6 |
| .009 | 0.23 | 97.071 | 44.043 | 10.3 | 22.7 |
| .007 | 0.18 | | | | |
| .006 | 0.15 | | | | |
| .004 | 0.10 | | | | |

CHARACTERISTICS OF CORE STACK HAVING SQUARE CENTER

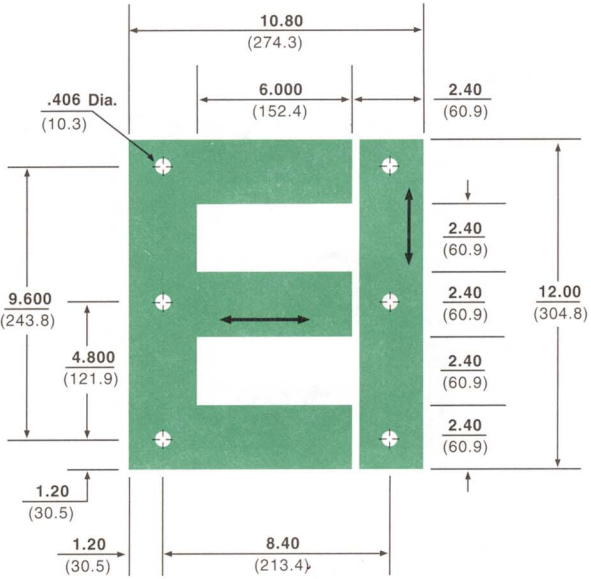
| VOLUME | | WEIGHT | | WINDOW AREA | |
|---------|---------|--------|-------|-------------|---------|
| cu. in. | cu. cm. | lbs. | grams | sq. in. | sq. cm. |
| 59.20 | 946 | 16.30 | 7323 | 5.62 | 36.28 |

MAGNETIC PATH DIMENSIONS AND DESIGN FORMULAS

$$A = 2.25 \text{ in.}^2 = 14.52 \text{ cm.}^2$$

THREE PHASE EI—2.40

(61mm)



| THICKNESS | | LAMINATION WEIGHTS | | | |
|-----------|------|--------------------|---------|----------|---------|
| in. | mm. | lb./1 K | Kg/1 K | El's/lb. | El's/Kg |
| .0185 | 0.47 | 504.8 | 228.3 | 1.98 | 4.356 |
| .014 | 0.35 | 362.1 | 164.0 | 2.76 | 6.072 |
| .011 | 0.28 | 284.507 | 129.087 | 3.5 | 7.7 |
| .009 | 0.23 | 232.779 | 105.617 | 4.3 | 9.5 |
| .007 | 0.18 | | | | |
| .006 | 0.15 | | | | |
| .004 | 0.10 | | | | |

CHARACTERISTICS OF CORE STACK HAVING SQUARE CENTER

| VOLUME | | WEIGHT | | WINDOW AREA | |
|---------|---------|--------|-------|-------------|---------|
| cu. in. | cu. cm. | lbs. | grams | sq. in. | sq. cm. |
| 240 | 3940 | 66.4 | 30141 | 14.4 | 93.0 |

MAGNETIC PATH DIMENSIONS AND DESIGN FORMULAS

$$A = 5.77 \text{ in.}^2 = 37.3 \text{ cm.}^2$$

