

Ground Lug.
See IOM Manual, Part# 30895
Table S2/0, Wire Size And Torque.

480 Rated Voltage, 690 Max Voltage, High Z, Impedance.

| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
|--------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRMA1H1E3R1 | 1/4 | 0.70 | 1.4 | 52500 | 16.3 | 7.9 |
| KDRMA2H1E3R1 | 1/3 | 0.80 | 1.4 | 45900 | 16.5 | 9.2 |
| KDRMA3H1E3R1 | 1/2 | 1.10 | 1.6 | 33400 | 16.3 | 14.3 |
| KDRMA4H1E3R1 | 3/4 | 1.60 | 2.1 | 23000 | 16.4 | 19.3 |
| KDRMA5H1E3R1 | 1 | 2.10 | 2.3 | 17500 | 16.4 | 26.7 |
| KDRMA6H1E3R1 | 1 1/2 | 3.0 | 3.6 | 12300 | 16.6 | 30.0 |

480 Rated Voltage, 690 Max Voltage, Low Z, Impedance.

| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
|--------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRMA1L1E3R1 | 1/4 | 0.70 | 1.4 | 31500 | 16.3 | 5.0 |
| KDRMA2L1E3R1 | 1/3 | 0.80 | 1.7 | 27600 | 16.3 | 6.2 |
| KDRMA3L1E3R1 | 1/2 | 1.10 | 1.6 | 20000 | 16.3 | 9.7 |
| KDRMA4L1E3R1 | 3/4 | 1.60 | 2.3 | 13800 | 16.3 | 12.1 |
| KDRMA5L1E3R1 | 1 | 2.10 | 2.3 | 10500 | 16.2 | 25.2 |
| KDRMA6L1E3R1 | 1 1/2 | 3.00 | 3.4 | 7400 | 16.4 | 26.4 |
| KDRMA7L1E3R1 | 2 | 3.40 | 4.2 | 6500 | 16.4 | 23.5 |
| KDRMA8L1E3R1 | 3 | 4.80 | 5.0 | 4600 | 16.4 | 30.6 |

208/ 240 Rated Voltage, 690 Max Voltage, High Z, Impedance.

| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
|---------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRMA21H1E3R1 | 1/4 | 1.4 | 2.3 | 13800 | 16.4 | 8 |
| KDRMA22H1E3R1 | 1/2 | 2.4 | 3.4 | 7400 | 16.4 | 24.9 |
| KDRMA23H1E3R1 | 3/4 | 3.5 | 5 | 4600 | 16.4 | 16.1 |
| KDRMA24H1E3R1 | 1 | 4.6 | 5 | 4000 | 16.2 | 28.7 |
| KDRMA25H1E3R1 | 1 1/2 | 6.6 | 7.5 | 2780 | 16.5 | 28.6 |
| KDRMA26H1E3R1 | 2 | 7.5 | 10 | 2290 | 16.5 | 32.5 |

208/ 240 Rated Voltage, 690 Max Voltage, Low Z, Impedance.

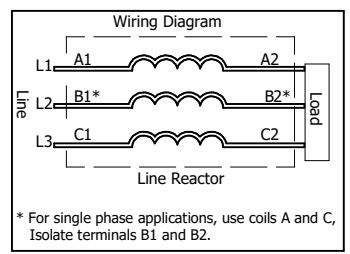
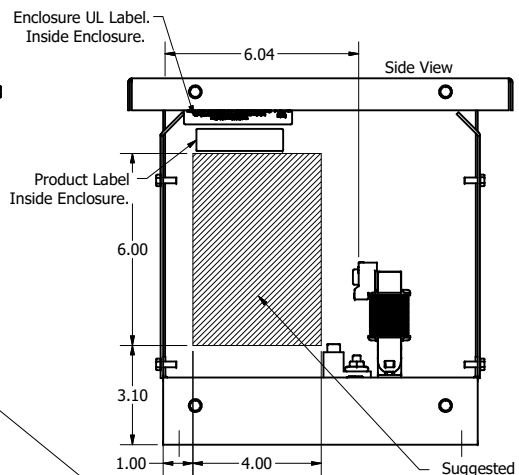
| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
|---------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRMA21L1E3R1 | 1/4 | 1.4 | 3.4 | 7400 | 16.4 | 4.6 |
| KDRMA22L1E3R1 | 1/2 | 2.4 | 5 | 4600 | 16.4 | 6.8 |
| KDRMA23L1E3R1 | 3/4 | 3.5 | 4.2 | 3150 | 16.2 | 12.9 |
| KDRMA24L1E3R1 | 1 | 4.6 | 5.5 | 2400 | 16.2 | 19.2 |
| KDRMA25L1E3R1 | 1 1/2 | 6.6 | 8 | 1670 | 16.2 | 23.3 |
| KDRMA27L1E3R1 | 2 | 7.5 | 10 | 1370 | 16.3 | 27 |

600 Rated Voltage, 690 Max Voltage, High Z, Impedance.

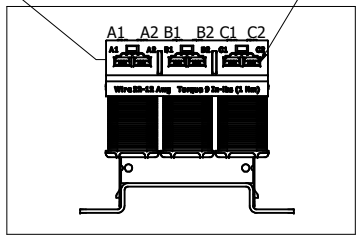
| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
|---------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRMA41H1E3R1 | 1/4 | 0.50 | 0.80 | 91900 | 16.3 | 5.9 |
| KDRMA42H1E3R1 | 1/3 | 0.70 | 0.75 | 65600 | 16.2 | 9.1 |
| KDRMA43H1E3R1 | 1/2 | 0.90 | 1.1 | 51000 | 16.5 | 12.9 |
| KDRMA44H1E3R1 | 3/4 | 1.30 | 1.6 | 35300 | 16.6 | 14.6 |
| KDRMA45H1E3R1 | 1 | 1.70 | 2.1 | 27000 | 16.5 | 27.0 |

600 Rated Voltage, 690 Max Voltage, Low Z, Impedance.

| Part Number | Horsepower (HP) | Motor Amps (A) | Maximum Amps (A) | Inductance (uH) +/-10% | Weight (LBS) | Losses (W) |
|---------------|-----------------|----------------|------------------|------------------------|--------------|------------|
| KDRMA41L1E3R1 | 1/4 | 0.50 | 0.80 | 55100 | 16.2 | 3.9 |
| KDRMA42L1E3R1 | 1/3 | 0.70 | 1.1 | 39400 | 16.2 | 6.1 |
| KDRMA43L1E3R1 | 1/2 | 0.90 | 1.6 | 30600 | 16.1 | 8.5 |
| KDRMA44L1E3R1 | 3/4 | 1.30 | 2.1 | 21200 | 16.3 | 10.9 |
| KDRMA45L1E3R1 | 1 | 1.70 | 2.1 | 16200 | 16.3 | 16.2 |
| KDRMA46L1E3R1 | 1 1/2 | 2.40 | 3.4 | 11500 | 16.4 | 17.2 |
| KDRMA47L1E3R1 | 2 | 2.70 | 3.2 | 10200 | 16.5 | 20.5 |



* For single phase applications, use coils A and C, Isolate terminals B1 and B2.



TCI TCI, LLC | Germantown, WI | transcoil.com

KDR Drive Reactor

KDR Motor Amps

3PH 50/60Hz, -V Rated, 690V Max, -A Max, RoHS

30C Amb Max 135C Rise, Manual # 30895

CE

Data Code

- Notes:
1. UL file number: cULus Listed File E116124.
 2. KDR Drive Reactors Comply With The Thermal and Altitude Standards Set Forth by NEMA ST20-1992.
 3. KDR IOM Manual Part Number 30895
 4. NEC Current For 208/240 Volts, Horsepower Based On 208 Volts.
 5. Material(s) Shall be RoHS Compliant
 6. User To Punch Own Holes For Wire Entry.
 7. Customer Is Responsible For Installation To Meet All National And Local Electrical Codes.

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|--|-------------------------------|----------|-----|------------------------------|------------|---|---------------|
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| | | | | DECIMAL | .XX ± .25 | | |
| | | | | | .XXX ± .10 | | |
| B | 4815, Add 208/240V, Inductors | 7/24/19 | DSW | FRACTIONAL | ± 1/16 | DRN BY | DATE 10/20/17 |
| A | As Designed | 10/20/17 | DSW | ANGULAR | | SCALE | 1/3 |
| NO | REVISION | DATE | BY | | ± 1° | DRWG NO | 107123DG |