



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)
KDRMA1H1	1/4	0.70	1.4	52500	1.3	7.9
KDRMA2H1	1/3	0.80	1.4	45900	1.5	9.2
KDRMA3H1	1/2	1.10	1.6	33400	1.3	14.3
KDRMA4H1	3/4	1.60	2.1	23000	1.4	19.3
KDRMA5H1	1	2.10	2.3	17500	1.4	26.7
KDRMA6H1	1 1/2	3.0	3.6	12300	1.6	30.0

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)
KDRMA21H1	1/4	1.4	2.3	13800	1.4	8
KDRMA22H1	1/2	2.4	3.4	7400	1.4	24.9
KDRMA23H1	3/4	3.5	5	4600	1.4	16.1
KDRMA24H1	1	4.6	5	4000	1.2	28.7
KDRMA25H1	1 1/2	6.6	7.5	2780	1.5	28.6
KDRMA26H1	2	7.5	10	2290	1.5	32.5

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)
KDRMA41H1	1/4	0.50	0.80	91900	1.3	5.9
KDRMA42H1	1/3	0.70	0.75	65600	1.2	9.1
KDRMA43H1	1/2	0.90	1.1	51000	1.5	12.9
KDRMA44H1	3/4	1.30	1.6	35300	1.6	14.6
KDRMA45H1	1	1.70	2.1	27000	1.5	27.0

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)
KDRMA1L1	1/4	0.70	1.4	31500	1.3	5.0
KDRMA2L1	1/3	0.80	1.7	27600	1.3	6.2
KDRMA3L1	1/2	1.10	1.6	20000	1.3	9.7
KDRMA4L1	3/4	1.60	2.3	13800	1.3	12.1
KDRMA5L1	1	2.10	2.3	10500	1.2	25.2
KDRMA6L1	1 1/2	3.00	3.4	7400	1.4	26.4
KDRMA7L1	2	3.40	4.2	6500	1.4	23.5
KDRMA8L1	3	4.80	5.0	4600	1.4	30.6

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)
KDRMA21L1	1/4	1.4	3.4	7400	1.4	4.6
KDRMA22L1	1/2	2.4	5	4600	1.4	6.8
KDRMA23L1	3/4	3.5	4.2	3150	1.2	12.9
KDRMA24L1	1	4.6	5.5	2400	1.2	19.2
KDRMA25L1	1 1/2	6.6	8	1670	1.2	23.3
KDRMA27L1	2	7.5	10	1370	1.3	27

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Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH) +/-10%	Weight (LBS)	Losses (W)
KDRMA41L1	1/4	0.50	0.80	55100	1.2	3.9
KDRMA42L1	1/3	0.70	1.1	39400	1.2	6.1
KDRMA43L1	1/2	0.90	1.6	30600	1.1	8.5
KDRMA44L1	3/4	1.30	2.1	21200	1.3	10.9
KDRMA45L1	1	1.70	2.1	16200	1.3	16.2
KDRMA46L1	1 1/2	2.40	3.4	11500	1.4	17.2
KDRMA47L1	2	2.70	3.2	10200	1.5	20.5

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

**KDR Drive Reactor**

KDR Motor Amps

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

50C Amb Max 135C Rise, Manual # 30895

UL LISTED

CE

Date 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. For Din Rail Kit, See Part Number DR01.
  6. Material(s) Shall be RoHS Compliant
  7. Customer Is Responsible For Installation To Meet All National And Local Electrical Codes.

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REV	DESCRIPTION	DATE	BY	SCALE	DATE	BY	SCALE
B	4815, Add 208/240v Inductors	9/11/19	DSW				
A	As Designed	10/20/17	DSW				
NO	REVISION	DATE	BY				

TOLERANCES (EXCEPT AS NOTED)

DECIMAL

.XX ± .25

.XXX ± .10

FRACTIONAL

± 1/16

ANGULAR

± 1°

**TGI**

KDR MA Frame, Terminal Block

Reactor Drawing

OWN BY: DSW DATE: 10/20/17

SCALE: 1:1 DRAWN BY: [Signature]

106686DG

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