



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](http://transcoil.com)

**KDR Drive Reactor**

KDR — Motor Amps —  
 SPH 50/60Hz, —V Rated, 690V Max, —A Max, RoHS  
 SUC Amps Max 135C Rise, Manual # 30895

UL LISTED  
 IEC 60384-14

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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B	4815, Add 208/240v Inductors	9/11/19	DSW	FRACTIONAL ± 1/16	KDR MA Frame, Terminal Block Reactor Drawing				
A	As Designed	10/20/17	DSW	ANGULAR ± 1°	DESIGNED BY: DSW DATE: 10/20/17 DRAWN BY: DSW SCALE: 1:1 CHECKED BY: DSW DATE: 10/20/17 PART NO: 106686DG SHEET: 1 OF 1				
NO	REVISION	DATE	BY	± 1°					