

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	0.7	0.75	52500	1.3	7.9
KDRMA2H1	1/3	0.8	1.0	45900	1.5	9.2
KDRMA3H1	1/2	1.1	1.5	33400	1.3	14.3
KDRMA4H1	3/4	1.6	2.0	23000	1.4	19.3
KDRMA5H1	1	2.1	2.3	17500	1.4	26.7
KDRMA6H1	1 1/2	3.0	3.3	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	2.0	13800	1.4	8
KDRMA22H1	1/2	2.4	3.0	7400	1.4	24.9
KDRMA23H1	3/4	3.5	4.0	4600	1.4	16.1
KDRMA24H1	1	4.6	5.0	4000	1.2	28.7
KDRMA25H1	1 1/2	6.6	7.0	2780	1.5	28.6
KDRMA26H1	2	7.5	9.0	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	0.5	0.6	91900	1.3	5.9
KDRMA42H1	1/3	0.7	0.75	65600	1.2	9.1
KDRMA43H1	1/2	0.9	1.1	51000	1.5	12.9
KDRMA44H1	3/4	1.3	1.6	35300	1.6	14.6
KDRMA45H1	1	1.7	2.1	27000	1.5	27.0

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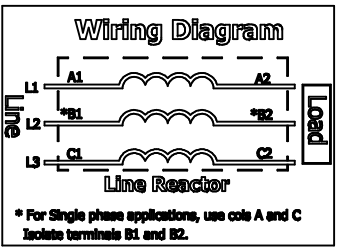
Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH) +/-10%	Weight (LBS)	Losses (W)
KDRMA1L1	1/4	0.7	0.8	31500	1.3	5.0
KDRMA2L1	1/3	0.80	1.0	27600	1.3	6.2
KDRMA3L1	1/2	1.1	1.6	20000	1.3	9.7
KDRMA4L1	3/4	1.6	1.9	13800	1.3	12.1
KDRMA5L1	1	2.1	2.3	10500	1.2	25.2
KDRMA6L1	1 1/2	3.0	3.3	7400	1.4	26.4
KDRMA7L1	2	3.4	4.2	6500	1.4	23.5
KDRMA8L1	3	4.8	5.0	4600	1.4	30.6

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Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH) +/-10%	Weight (LBS)	Losses (W)
KDRMA21L1	1/4	1.4	2.0	7400	1.4	4.6
KDRMA22L1	1/2	2.4	3.0	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	7.0	1670	1.2	23.3
KDRMA27L1	2	7.5	9.0	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	0.5	0.6	55100	1.2	3.9
KDRMA42L1	1/3	0.7	0.8	39400	1.2	6.1
KDRMA43L1	1/2	0.9	1.1	30600	1.1	8.5
KDRMA44L1	3/4	1.3	1.5	21200	1.3	10.9
KDRMA45L1	1	1.7	2.1	16200	1.3	16.2
KDRMA46L1	1 1/2	2.4	2.5	11500	1.4	17.2
KDRMA47L1	2	2.7	3.2	10200	1.5	20.5



TCL, LLC | Germantown, WI | transcoil.com

KDR Drive Reactor

KDR _____ Motor Amps _____

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

SOC Amb Max 135C Rise, Manual # 30895

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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D	6688, Various MAX AMP UPDATES	5/30/2024	DSW	.XX ±.25	.XXX ±.10		
C	5690, KDRMA46L1, Correct Max Amps	8/12/2021	DSW	FRACTIONAL		An Official Motion Group Company KDR MA Frame, Terminal Block Reactor Drawing	DWN BY: DSW DATE: 10/20/2017 SCALE: 1:1 DRAWN BY: JSE
C	KDRMA46L1 in Rev C	8/12/2021	DSW	ANGULAR ± 1°			
B	Reactors At Revision B	8/12/2021	DSW	NO		106686DG	SHT 1 OF 1