

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)
KDRAA9H2	1 1/2	3.00	4.0	12300	2.8	37
KDRAA1H2	2	3.40	3.8	10800	2.8	45
KDRAA2H2	3	4.80	5.4	7650	3.0	42
KDRAA6H2	4	6.20	7.6	5930	3.4	50
KDRAA3H2	5	7.60	8.2	4840	3.7	66
KDRAA3H2	5 1/2	8.20	8.2	4840	3.7	74
KDRAA4H2	7 1/2	11	12	3060	4.0	70
KDRAA5H2	10	14	14	2330	4.2	97.7

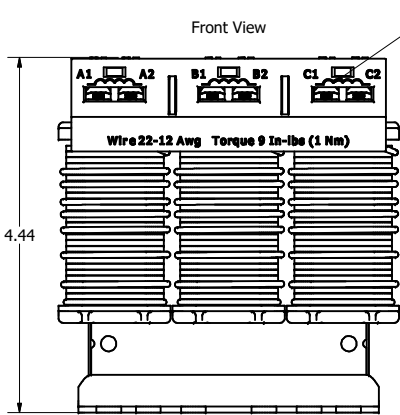
208/ 240 Rated Voltage, 690 Max Voltage, High Z, Impedance.						
Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH) +/-10%	Weight (LBS)	Losses (W)
KDRAA28H2	3	10.6	11	1618	2.6	44.6

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)
KDRAA46H2	1 1/2	2.40	3.2	19100	2.9	31
KDRAA43H2	2	2.70	3.4	17000	2.7	37
KDRAA44H2	3	3.90	4.5	11800	2.9	47
KDRAA57H2	4	4.90	6.0	9380	3.5	48
KDRAA58H2	5	6.10	6.8	7530	3.4	44
KDRAA58H2	5 1/2	6.60	6.8	7530	3.4	47

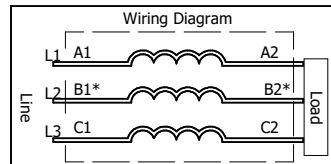
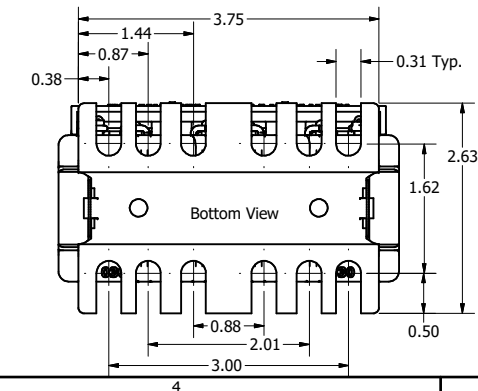
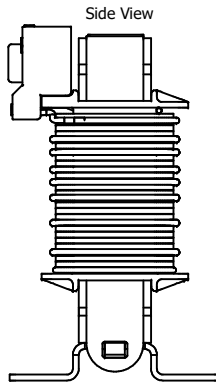
480 Rated Voltage, 690 Max Voltage, Low Z, Impedance.						
Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH) +/-10%	Weight (LBS)	Losses (W)
KDRAA9L2	1 1/2	3.00	4.5	7400	3.0	25
KDRAA6L2	4	6.20	7.6	3560	3.0	39
KDRAA3L2	5	7.60	8.2	2900	3.0	45
KDRAA3L2	5 1/2	8.20	8.2	2900	3.0	49
KDRAA4L2	7 1/2	11.0	11.6	2000	3.2	64
KDRAA5L2	10	14	14	1580	3.3	77.7

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)
KDRAA28L2	3	10.6	11	971	3.0	42

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)
KDRAA47L2	2	2.70	4.8	10200	2.8	19
KDRAA52L2	3	3.90	4.8	7070	3.5	30
KDRAA57L2	4	4.90	7.6	5630	2.9	30
KDRAA58L2	5	6.10	7.6	4520	3.0	39
KDRAA58L2	5 1/2	6.60	7.6	4520	3.0	44
KDRAA48L2	7 1/2	9.00	9.6	3100	3.2	57
KDRAA49L2	10	11	11	2454	3.8	60.7



Wire Range: 22-12 AWG.  
Torque : 9 In-lbs (1 Nm)



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

**TGI** TCI, LLC | Germantown, WI | [transcoll.com](http://transcoll.com)

**KDR Drive Reactor**  
KDR Motor Amps  
SPH 50/60Hz, —V Rated, 690V Max, —A Max, RefS  
80C Amb Max 150C 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 DR02.  
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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	REVISED	DATE	BY	REASON
C				
C				
B				
A				
NO				

**TGI** W132 N10611 Grant Drive  
Germantown, WI 53022

KDR AA Frame, Terminal Block  
Reactor Drawing

107073DG

DATE 11/3/17  
SCALE 1:1.2