

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	3.0	28
KDRAA1H2	2	3.40	3.8	10800	3.0	33
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

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	3.2	20
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, 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

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	12	971	3.0	42

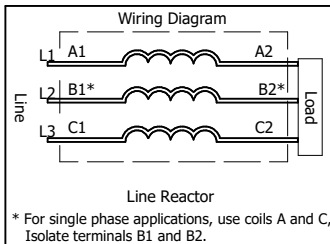
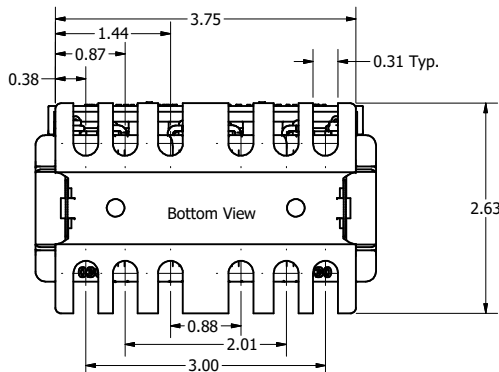
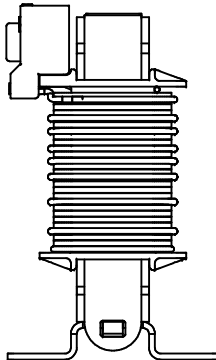
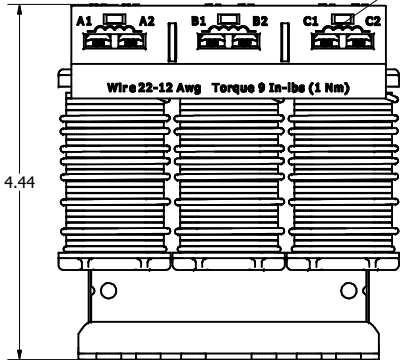
600 Rated Voltage, 690 Max Voltage, High Z, Impedance.						
Part Number	Horsepower (HP)	Motor Amps (A)	Maximum Amps (A)	Inductance (uH) +/-10%	Weight (LBS)	Losses (W)
KDRAA46H2	1 1/2	2.40	3.2	19100	3.2	26
KDRAA43H2	2	2.70	3.4	17000	3.0	30
KDRAA44H2	3	3.90	4.5	11800	2.9	47
KDRAA57H2	4	4.90	6.0	9380	3.5	48
KDRAA58H2	5	6.10	6.8	7530	3.4	44
KDRAA58H2	5 1/2	6.60	6.8	7530	3.4	47

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)

Front View

Side View



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

KDR Drive Reactor

KDR— Motor Amps—

3PH 50/60Hz, —V Rated, 690V Max, —A Max, Refs 50C Amb Max 135C Max, Manual # 30895

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 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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TOLERANCES (EXCEPT AS NOTED)			
DECIMAL			
.XX	± .25		
.XXX	± .10		
FRACTIONAL			
	± 1/16		
	ANGULAR		
	± 1°		

TCL | W132N10611 Grant Drive Germantown, WI 53022

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KDR AA FrME Terminal Block

Inductor Drawing

DRN BY: DSW | DATE: 11/3/2017 | 107073DG

SCALE: 1:1.2 | REV: | SHEET: 1 OF 1