TCI

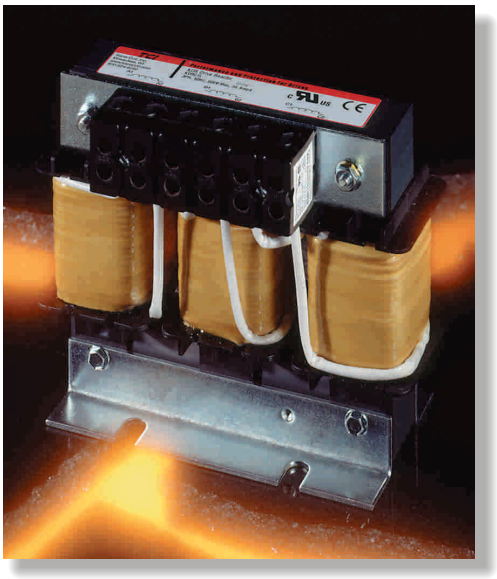
KDR™ Optimized Drive Reactors

Performance and Protection For Drives

TCI's New KDR Optimized Drive Reactors Deliver Superior Design And Performance

Customers demand quality and performance at a price that translates to "optimum value". TCI, the drive industry's leading provider of value added technology, is proud to introduce the "KDR Series of Optimized Drive Reactors" as its latest addition to a family of reactor products with a reputation for increasing the value and improving the system performance of power inverters.

This KDR product has been designed to provide the same rugged reliability you've come to expect from TCI products in the smallest, lightest product package currently available in the market. With separate drive reactors available for either the line or load side of a PWM drive plus product models covering the complete range of impedance needs, make TCI's KDR Optimized Drive Reactors your "Superior Design and Performance " solution.



Manufacturer's Warranty

KDR Optimized Drive Reactors are warranted against manufacturer's defect for the life of the drive with which they are installed.

Performance Guarantee

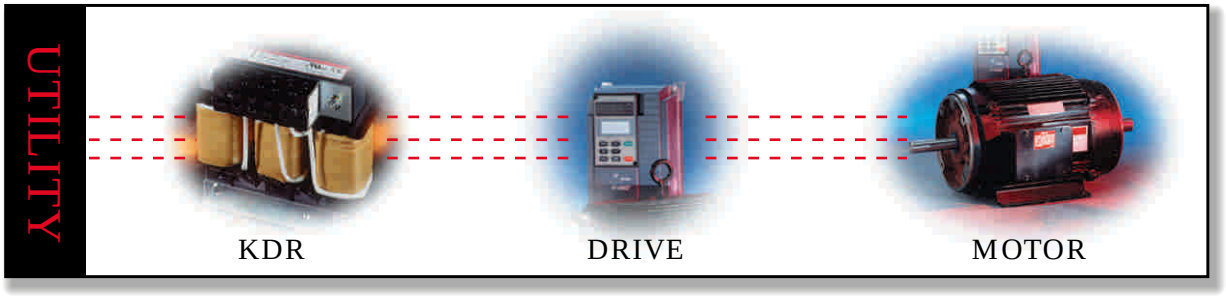
Properly sized for the application, a KDR reactor is guaranteed to eliminate any AC Drive overvoltage tripping problems. If a KDR reactor is installed and the tripping problem remains, TCI will take back the reactor and pay shipping both ways. (Offer valid for 60 days from purchase date.)

Drawings/Specifications

Autocad® compatible*.dxf drawings and Acrobat Reader® compatible*.pdf drawings of all KDR Optimized Drive Reactors are available at www.transcoil.com or by contacting TCI at (800) 824-8282.

KDR At The Input Of The Drive

KDR Optimized Drive Reactors applied to the line side of a PWM drive will greatly improve the overall performance of the drive. The additional circuit inductance will reduce AC voltage waveform line notching, DC bus overvoltage trips, inverter overvoltage, poor total power factor and cross-talk.



Typical Problems, Superior Solutions With KDR Reactors:

KDR On The Input to DC Drives

• Voltage line notching, also known as commutation notching, originates in SCR phase-controlled rectifiers. As the transfer of current takes place, there is a brief period of time where two SCRs connect during the switching process, causing a short between two of the AC lines. Additional impedance will reduce the depth and rounds the edges of the notches. This will eliminate drive cross-talk, interference and equipment damage.

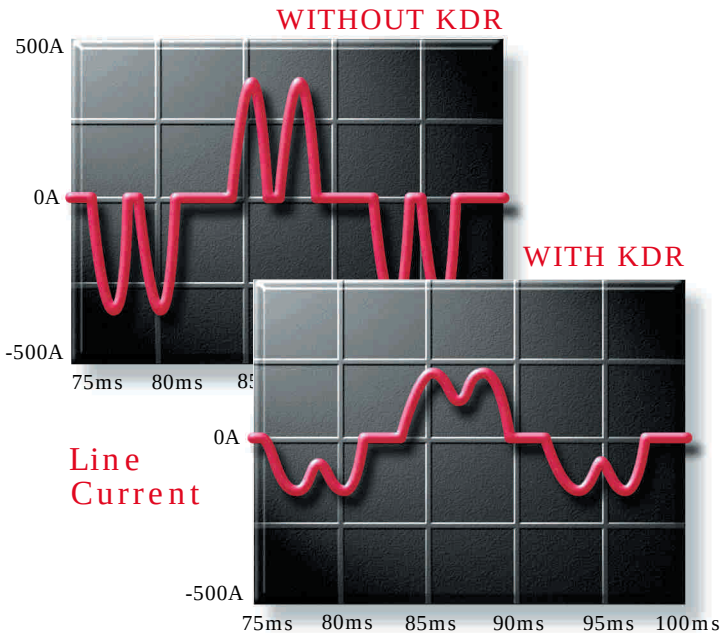
KDR On The Input to AC Drives

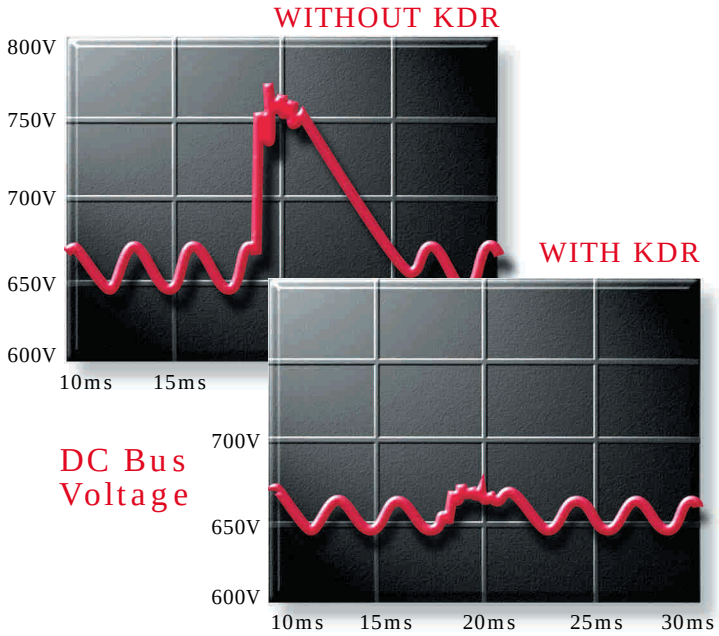
• Transient voltages, commonly caused by capacitor switching, or the switching of large load blocks, can result in an overvoltage condition of the DC bus. This overvoltage condition will cause the Drive to shut down in order to protect its components. These transients can sometimes be very severe and too quick for the Drive to shut down. The addition of a KDR Optimized Drive Reactor can prevent Drive shutdown and even protect components from possible damage.

• Input line distortion is caused by the non-linear characteristics of drives. The addition of a KDR Optimized Drive Reactor will limit the inrush current to the rectifier, rounding the waveform, reducing the peak currents and lowering the harmonic current distortion. High peak currents may cause distortion of the voltage waveform. KDR's reduction of those peak currents also reduces total harmonic voltage distortion at the point of common coupling.

• Drive input currents rich in harmonics result in a decrease in total input power factor to the drive. The addition of a KDR Optimized Drive Reactor will reduce the RMS current through the reduction in harmonic content, thereby improving the total power factor.

• Input voltage unbalance may prevent the Drive from performing due to subsequent overcurrent conditions which cause the Drive to cease operating. Tests have proven that the addition of a KDR Drive Reactor to the input of every drive will help balance the Drive input line currents.





Two Rating Levels, Two Choices, One "Optimized" Answer...the new KDR

Choose TCI's new KDR Optimized Drive Reactors in two ratings versions, Low "Z" (low impedance) and High "Z" (high impedance). Input impedance can significantly improve Drive performance; however, it should be noted that as impedance increases, the DC voltage on the VFD's capacitors actually decreases. This decrease can become significant enough to cause either an undervoltage trip or excessive motor current in the VFD. The KDR Optimized Drive Reactors have been designed to provide the best protection for both your drive and your application.

Use KDR Low "Z" Units For:

These units can be used in any applications where traditionally either a 1.5% or 3% reactor would be applied.

Reduction of nuisance tripping caused by:

- Transient voltages caused by capacitor switching
- Line notching
- DC bus overvoltage tripping
- Inverter overcurrent and overvoltage

Additional benefits include:

- Lowering injected percentage of harmonic current
- Improving True Power Factor
- Reducing cross-talk between drives

Use KDR High "Z" Units For:

These units can be used in any rugged application where traditionally a 5% reactor would be applied.

KDR High "Z" offers the same superior benefits as Low "Z" plus additional benefits which include:

- Helping prevent drive component damage
- Providing maximum harmonic mitigation without adding capacitance
- Further improving True Power Factor
- Adding impedance to Drives with or without DC link chokes/reactors when more impedance is desired due to a relatively stiff source.

KDR Selection

TCI has compiled tables for each Drive manufacturer by voltage and HP with the proper KDR selection noted for Low "Z" and High "Z" based on the manufacturer's nameplate input current rating. These charts also include convenient crossover tables between the popular TCI KLR series of reactors as well as crossovers for many other brands of reactors.

Ask your TCI representative for a selection chart for your driveline, or simply call 1-800-824-8282.

240 VOLTS LOW-Z

PART NUMBER	NEC MOTOR HP	NEC MOTOR CURRENT	WATTS LOSS	MINIMUM CAB SIZE	STANDARD TERMS	DIMENSIONS					WEIGHT
						HEIGHT	WIDTH	DEPTH	MTG WIDTH	MTG DEPTH	
KDRA21L	1	4.2	9	C1	TB	4	4.18	4	2	1.64	4
KDRA22L	1.5	6	9	C1	TB	4	4.18	4	2	1.64	4
KDRA23L	2	6.8	14	C1	TB	4	4.18	4	2	1.64	4
KDRA24L	3	9.6	20	C1	TB	4	4.18	4	2	1.64	4
KDRB21L	5	15.2	20	C1	TB	5	6	4	2	2.26	7
KDRD23L	7.5	22	43	C2	TB	6	7.20	4	3	2.17	10
KDRD21L	10	28	55	C2	TB	6	7.20	4	3	2.17	10
KDRD22L	15	42	59	C2	TB	6	7.20	4	3	2.17	12
KDRC21L	20	54	70	C2	TB	5.75	7.20	5	3	2.49	12
KDRF21L	25	68	105	C3	TB	7	9	6	3	2.9	25
KDRF22L	30	80	105	C3	TB	7	9	6	3	2.9	25
KDRF23L	40	104	95	C3	CB	7	9	6	3	2.89	30
KDRH21L	50	130	117	C4	CB	9	11	7	3.6	3.13	40
KDRI21L	60	154	127	C4	CB	9	11	7	3.6	3.39	50
KDRI22L	75	192	135	C4	CB	9	11	7	3.6	3.39	45
KDRG21L	100	248	161	C4	CB	9	11	7	3.6	4.14	60
KDRJ21L	125	312	221	C5	CB	9	11	9	3.6	5.14	70
KDRJ22L	150	360	221	C5	CB	9	11	9	3.6	5.14	70
KDRL21L	200	480	267	C5	CB	11.38	14.50	8	4.75	6.44	95

480 VOLTS LOW-Z

PART NUMBER	NEC MOTOR HP	NEC MOTOR CURRENT	WATTS LOSS	MINIMUM CAB SIZE	STANDARD TERMS	DIMENSIONS					WEIGHT
						HEIGHT	WIDTH	DEPTH	MTG WIDTH	MTG DEPTH	
KDRA1L	2	3.4	19	C1	TB	4	4.18	4	2	1.64	4
KDRA2L	3	4.8	23	C1	TB	4	4.18	4	2	1.64	4
KDRA3L	5	7.6	49	C1	TB	4	4.18	4	2	1.64	4
KDRA4L	7.5	11	40	C1	TB	4	4.18	4	2	1.64	4
KDRA5L	10	14	64	C1	TB	4	4.18	4	2	1.64	5
KDRB2L	15	21	65	C1	TB	5	6	4	2	2.26	8
KDRB1L	20	27	79	C1	TB	5	6	4	2	2.26	8
KDRD1L	25	34	96	C2	TB	6	7.20	4	3	2.17	10
KDRD2L	30	40	105	C2	TB	6	7.20	4	3	2.17	10
KDRC1L	40	52	114	C2	TB	5.75	7.20	5	3	2.49	15
KDRF2L	50	65	114	C3	TB	7	9	6	3	2.9	25
KDRF4L	60	77	169	C3	TB	7	9	6	3	2.9	30
KDRF3L	75	96	193	C4	RL	7	9	7	3	2.9	30
KDRF1L	100	124	225	C4	RL	7	9	7.5	3	2.9	30
KDRH2L	125	156	254	C4	CB	9	11	7	3.6	3.13	40
KDRH1L	150	180	299	C4	CB	9	11	7	3.6	3.13	40
KDRG3L	200	240	280	C4	CB	9	11	7	3.6	4.14	65
KDRG1L	250	302	337	C4	CB	9	11	7	3.6	4.14	65
KDRG2L	300	361	381	C4	CB	9	11	7	3.6	4.14	65
KDRJ2L	350	414	465	C5	CB	9	11	9	3.6	5.14	70
KDRJ1L	400	477	470	C5	CB	9	11	9	3.6	5.14	70
KDRL1L	450	515	509	C5	CB	11.38	14.50	9	4.75	6.44	110
KDRL2L	500	590	518	C5	CB	11.38	14.50	9	4.75	6.44	110

575 VOLTS LOW-Z

PART NUMBER	NEC MOTOR HP	NEC MOTOR CURRENT	WATTS LOSS	MINIMUM CAB SIZE	STANDARD TERMS	DIMENSIONS					WEIGHT
						HEIGHT	WIDTH	DEPTH	MTG WIDTH	MTG DEPTH	
KDRA41L	2	2.7	19	C1	TB	4	4.18	4	2	1.64	4
KDRA42L	3	3.9	21	C1	TB	4	4.18	4	2	1.64	4
KDRA43L	5	6.1	49	C1	TB	4	4.18	4	2	1.64	4
KDRA44L	7.5	9	40	C1	TB	4	4.18	4	2	1.64	4
KDRA45L	10	11	40	C1	TB	4	4.18	4	2	1.64	5
KDRB42L	15	17	65	C1	TB	5	6	4	2	2.26	8
KDRB41L	20	22	79	C1	TB	5	6	4	2	2.26	8
KDRB43L	25	27	79	C1	TB	5	6	4	2	2.26	8
KDRD41L	30	32	96	C2	TB	6	7.20	4	3	2.17	10
KDRC41L	40	41	114	C2	TB	5.75	7.20	5	3	2.49	15
KDRC42L	50	52	114	C2	TB	5.75	7.20	5	3	2.49	15
KDRF42L	60	62	114	C3	TB	7	9	6	3	2.9	25
KDRF44L	75	77	169	C3	TB	7	9	6	3	2.9	25
KDRF43L	100	99	193	C4	RL	7	9	7	3	2.9	30
KDRH42L	125	125	254	C4	CB	9	11	7	3.6	3.13	40
KDRH41L	150	144	254	C4	CB	9	11	7	3.6	3.13	40
KDRG43L	200	192	240	C4	CB	9	11	7	3.6	4.14	65
KDRG41L	250	242	337	C4	CB	9	11	7	3.6	4.14	65
KDRG44L	300	289	337	C4	CB	9	11	7	3.6	4.14	65
KDRG42L	350	336	381	C4	CB	9	11	7	3.6	4.14	65
KDRJ42L	400	382	465	C5	CB	9	11	9	3.6	5.14	70
KDRJ41L	450	412	470	C5	CB	9	11	9	3.6	5.14	70
KDRL41L	500	472	509	C5	CB	11.38	14.5	9	4.75	6.44	110

Currents

Currents are based on Table 430-150 of the 1999 National Electric Code. These currents are approximate selections, suitable for most installations. Maximum amp ratings found on unit nameplates are not based on NEC motor currents, but are within the operating limits of the unit. For more information, contact TCI at (800) 824-8282.

240 VOLTS HIGH-Z

PART NUMBER	NEC MOTOR HP	NEC MOTOR CURRENT	WATTS LOSS	MINIMUM CAB SIZE	STANDARD TERMS	DIMENSIONS					WEIGHT
						HEIGHT	WIDTH	DEPTH	MTG WIDTH	MTG DEPTH	
KDRA21H	1	4.2	19	C1	TB	4	4.18	4	2	1.64	4
KDRA22H	1.5	6	23	C1	TB	4	4.18	4	2	1.64	4
KDRA23H	2	6.8	49	C1	TB	4	4.18	4	2	1.64	4
KDRA24H	3	9.6	40	C1	TB	4	4.18	4	2	1.64	4
KDRB22H	5	15.2	65	C1	TB	5	6	4	2	2.26	8
KDRB23H	7.5	22	65	C1	TB	5	6	4	2	2.26	8
KDRB21H	10	28	65	C1	TB	5	6	4	2	2.26	8
KDRD22H	15	42	105	C2	TB	6	7.20	4	3	2.17	10
KDRC21H	20	54	114	C2	TB	5.75	7.20	5	3	2.49	15
KDRF22H	25	68	169	C3	TB	7	9	6	3	2.9	25
KDRF23H	30	80	193	C4	RL	7	9	7	3	2.9	30
KDRF24H	40	104	225	C4	RL	7	9	7.5	3	2.9	30
KDRH21H	50	130	254	C4	CB	9	11	7	3.6	3.13	40
KDRH22H	60	154	254	C4	CB	9	11	7	3.6	3.13	40
KDRG24H	75	192	280	C4	CB	9	11	7	3.6	4.14	65
KDRG21H	100	248	337	C4	CB	9	11	7	3.6	4.14	65
KDRG23H	125	312	381	C4	CB	9	11	7	3.6	4.14	65
KDRG22H	150	360	381	C4	CB	9	11	7	3.6	4.14	65
KDRL21H	200	480	509	C5	CB	11.38	14.50	9	4.75	6.44	110

480 VOLTS HIGH-Z

PART NUMBER	NEC MOTOR HP	NEC MOTOR CURRENT	WATTS LOSS	MINIMUM CAB SIZE	STANDARD TERMS	DIMENSIONS					WEIGHT
						HEIGHT	WIDTH	DEPTH	MTG WIDTH	MTG DEPTH	
KDRA1H	2	3.4	33	C1	TB	4	4.18	4	2	1.64	4
KDRA2H	3	4.8	38	C1	TB	4	4.18	4	2	1.64	4
KDRA3H	5	7.6	80	C1	TB	4	4.18	4	2	1.64	4
KDRA4H	7.5	11	77	C1	TB	4	4.18	4	2	1.64	5
KDRA5H	10	14	111	C1	TB	4	4.18	4	2	1.64	5
KDRB2H	15	21	133	C1	TB	5	6	4	2	2.26	7
KDRC3H	20	27	108	C2	TB	5.75	7.20	5	3	2.49	15
KDRC1H	25	34	112	C2	TB	5.75	7.20	5	3	2.49	15
KDRE2H	30	40	141	C2	TB	5.75	7.20	5	3	2.91	16
KDRF4H	40	52	169	C3	TB	7	9	6	3	2.9	25
KDRF1H	50	65	191	C3	TB	7	9	6	3	2.9	25
KDRF2H	60	77	226	C3	TB	7	9	6	3	2.9	25
KDRH2H	75	96	212	C4	CB	9	11	7	3.6	3.13	45
KDRH1H	100	124	362	C4	CB	9	11	6	3.6	3.13	50
KDRG3H	125	156	274	C4	CB	9	11	8	3.6	4.14	55
KDRG1H	150	180	359	C4	CB	9	11	8	3.6	4.14	55
KDRJ1H	200	240	420	C5	CB	9	11	9	3.6	5.14	70
KDRL1H	250	302	548	C5	CB	11.38	14.50	9	4.75	6.44	110
KDRL2H	300	361	786	C5	CB	11.38	14.50	8	4.75	6.44	95
KDRL3H	350	414	750	C5	CB	11.38	14.50	8	4.75	6.44	100
KDRL4H	400	477	730	C5	CB	11.38	14.50	9	4.75	6.44	110
KDRL5H	450	515	774	C5	CB	11.38	14.50	11	4.75	6.44	120
KDRL6H	500	590	697	C5	CB	11.38	14.50	11	4.75	6.44	120

575 VOLTS HIGH-Z

PART NUMBER	NEC MOTOR HP	NEC MOTOR CURRENT	WATTS LOSS	MINIMUM CAB SIZE	STANDARD TERMS	DIMENSIONS					WEIGHT
						HEIGHT	WIDTH	DEPTH	MTG WIDTH	MTG DEPTH	
KDRA41H	2	2.7	17	C1	TB	4.18	4.18	4	2	1.64	5
KDRA42H	3	3.9	27	C1	TB	4.18	4.18	4	2	1.64	5
KDRB41H	5	6.1	48	C1	TB	5	6	4	2	2.26	7
KDRC41H	7.5	9	56	C2	TB	5.75	7.20	5	3	2.49	10
KDRC42H	10	11	56	C2	TB	5.75	7.20	5	3	2.49	10
KDRE41H	15	17	73	C2	TB	5.75	7.20	5	3	2.91	16
KDRF41H	20	22	92	C3	TB	7	9	6	3	2.9	25
KDRF42H	25	27	94	C3	TB	7	9	6	3	2.9	25
KDRF43H	30	32	125	C3	TB	7	9	6	3	2.9	25
KDRH41H	40	41	146	C4	TB	9	11	6	3.6	3.13	35
KDRG41H	50	52	132	C4	TB	9	11	7	3.6	4.13	50
KDRG42H	60	62	178	C4	TB	9	11	7	3.6	4.13	50
KDRG43H	75	77	178	C4	TB	9	11	7	3.6	4.13	50
KDRL41H	100	99	259	C5	CB	11.38	14	8	4.75	6.44	82
KDRL42H	125	125	287	C5	CB	11.38	14	8	4.75	6.44	82
KDRL43H	150	144	299	C5	CB	11.38	14	8	4.75	6.44	89
KDRL44H	200	192	349	C5	CB	11.38	14.50	8	4.75	6.44	110
KDRL45H	250	242	375	C5	CB	11.38	14.50	11	4.75	6.44	120
KDRS41H	300	289	422	C5	CB	11.38	15	13	4.75	7.69	155
KDRS42H	350	336	463	C5	CB	11.38	15	13	4.75	7.69	160
KDRS43H	400	382	532	C5	CB	11.38	15	13	4.75	7.69	175
KDRS44H	450	412	532	C5	CB	11.38	15	13	4.75	7.69	175
KDRS45H	500	472	576	C5	CB	11.38	15	13	4.75	7.69	175

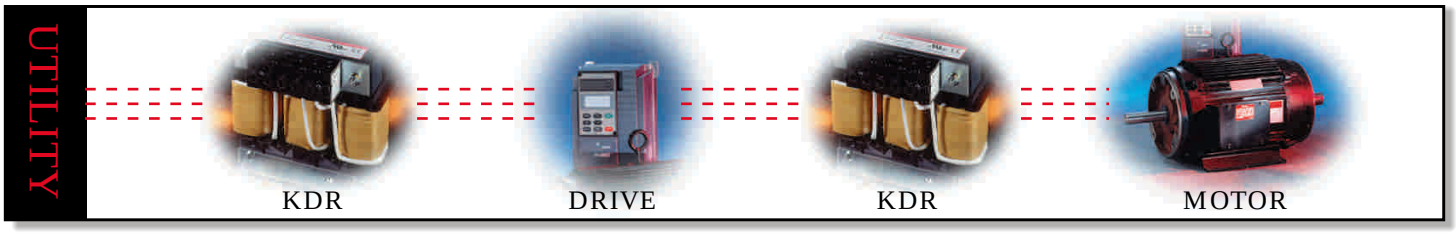
Watts Loss

The watts loss shown above are based on the effects of increased losses in both the core steel laminations and wire due to the presence of harmonic currents. Consideration of eddy currents in the watts loss calculation is important. The watt losses in the reactor core caused by eddy currents are proportional to the harmonic frequency squared. The harmonic current levels were derived from a typical 6 pulse converter as follows:

Harmonic	Current Distortion
5th	17%
7th	11%
11th	4.5%

KDR At The Output of The Drive

KDR Optimized Drive Reactors may be used at the output of AC-PWM variable frequency drives where the motor lead lengths are less than 100 feet. The addition of a KDR unit to the output of a drive will dampen overshoot peak voltage, reduce motor heating and audible noise, helping to extend the life of the motor. The units will also help prevent inverter instantaneous overcurrent trips because they provide needed inductance when the load on an inverter has an abnormally high capacitance. The 100 foot guideline has been recommended because as motor leads become longer, the resonant frequency is lowered, and the magnitude and duration of the voltage spikes increases. The addition of a reactor on lead lengths exceeding 100 feet may be ineffective and potentially detrimental to system performance.



For lead lengths exceeding 100 feet, TCI offers KLC and KLCUL dV/dT filters, and KSW Sinewave filters for long lead motor protection needs.

480 VOLTS OUTPUT

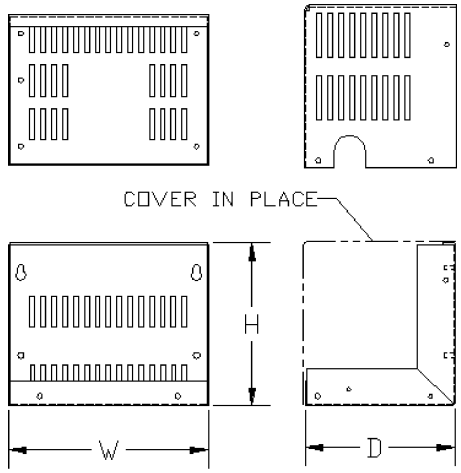
PART NUMBER	NEC MOTOR HP	NEC MOTOR CURRENT	MINIMUM CAB SIZE	STANDARD TERMS	DIMENSIONS					WEIGHT
					HEIGHT	WIDTH	DEPTH	MTG WIDTH	MTG DEPTH	
KDRA1P	2	3.4	C1	TB	4	4.18	4	2	1.64	4
KDRA2P	3	4.8	C1	TB	4	4.18	4	2	1.64	4
KDRA3P	5	7.6	C1	TB	4	4.18	4	2	1.64	4
KDRA4P	7.5	11	C1	TB	4	4.18	4	2	1.64	5
KDRB1P	10	14	C1	TB	5	6	4	2	2.26	7
KDRD1P	15	21	C2	TB	6	7.20	4	3	2.17	10
KDRD2P	20	27	C2	TB	6	7.20	4	3	2.17	10
KDRD3P	25	34	C2	TB	6	7.20	4	3	2.17	12
KDRD4P	30	40	C2	TB	6	7.20	4	3	2.17	12
KDRC1P	40	52	C2	TB	5.75	7.20	5	3	2.49	15
KDRF1P	50	65	C3	TB	7	9	6	3	2.9	25
KDRF2P	60	77	C3	TB	7	9	6	3	2.9	25
KDRF3P	75	96	C4	CB	7	9	6	3	2.89	30
KDRH1P	100	124	C4	CB	9	11	7	3.6	3.13	40
KDRI1P	125	156	C4	CB	9	11	7	3.6	3.39	50
KDRI2P	150	180	C4	CB	9	11	7	3.6	3.39	45
KDRG1P	200	240	C4	CB	9	11	7	3.6	4.14	60
KDRJ1P	250	302	C5	CB	9	11	9	3.6	5.14	70
KDRJ2P	300	361	C5	CB	9	11	9	3.6	5.14	70
KDRL1P	350	414	C5	CB	11.38	14.50	8	4.75	6.44	85
KDRL2P	400	477	C5	CB	11.38	14.50	8	4.75	6.44	95
KDRL3P	450	515	C5	CB	11.38	14.50	8	4.75	6.44	100
KDRL4P	500	590	C5	CB	11.38	14.50	8	4.75	6.44	100

575 VOLTS OUTPUT

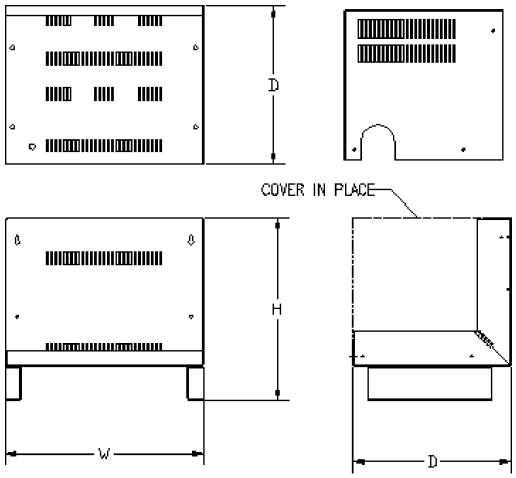
PART NUMBER	NEC MOTOR HP	NEC MOTOR CURRENT	MINIMUM CAB SIZE	STANDARD TERMS	DIMENSIONS					WEIGHT
					HEIGHT	WIDTH	DEPTH	MTG WIDTH	MTG DEPTH	
KDRA31P	2	2.7	C1	TB	4	4.18	4	2	1.64	4
KDRA35P	3	3.9	C1	TB	4	4.18	4	2	1.64	4
KDRA33P	5	6.1	C1	TB	4	4.18	4	2	1.64	4
KDRA34P	7.5	9	C1	TB	4	4.18	4	2	1.64	5
KDRA36P	10	11	C1	TB	4	4.18	4	2	1.64	5
KDRD31P	15	17	C2	TB	6	7.20	4	3	2.17	10
KDRD32P	20	22	C2	TB	6	7.20	4	3	2.17	10
KDRD35P	25	27	C2	TB	6	7.20	4	3	2.17	10
KDRD33P	30	32	C2	TB	6	7.20	4	3	2.17	12
KDRD34P	40	41	C2	TB	6	7.20	4	3	2.17	12
KDRC31P	50	52	C2	TB	5.75	7.20	5	3	2.49	15
KDRF31P	60	62	C3	TB	7	9	6	3	2.9	25
KDRF32P	75	77	C3	TB	7	9	6	3	2.9	25
KDRF33P	100	99	C4	CB	7	9	6	3	2.89	30
KDRH31P	125	125	C4	CB	9	11	7	3.6	3.13	40
KDRI31P	150	144	C4	CB	9	11	7	3.6	3.39	50
KDRI32P	200	192	C4	CB	9	11	7	3.6	3.39	45
KDRG31P	250	242	C4	CB	9	11	7	3.6	4.14	60
KDRJ31P	300	289	C5	CB	9	11	9	3.6	5.14	70
KDRJ32P	350	336	C5	CB	9	11	9	3.6	5.14	70
KDRL31P	400	382	C5	CB	11.38	14.50	8	4.75	6.44	85
KDRL35P	450	412	C5	CB	11.38	14.50	8	4.75	6.44	85
KDRL32P	500	472	C5	CB	11.38	14.50	8	4.75	6.44	95

Watt loss will vary due to fundamental frequency, carrier frequency and other system characteristics. KDR Drive Reactors comply with the thermal and altitude standards set forth by NEMA's Standard ST20-1992.

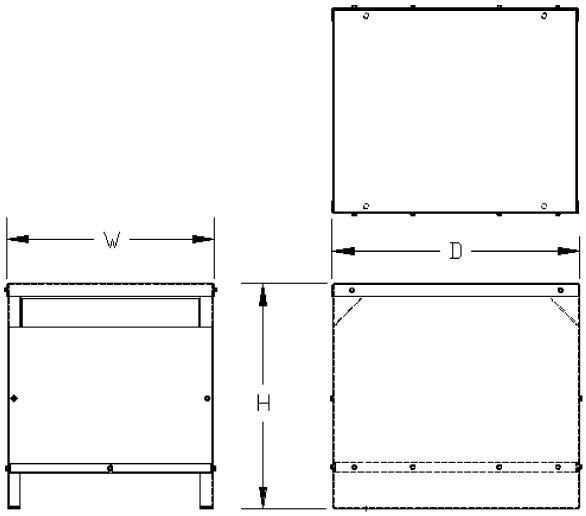
ENCLOSURES



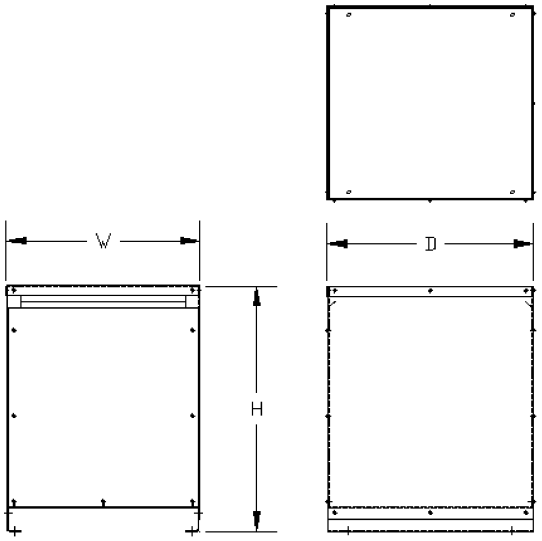
CAB.	"W"	"H"	"D"
C 1	8.00	6.50	6.00
C 2	10.00	7.50	7.00
C 3	12.00	9.00	8.00



CAB.	"W"	"H"	"D"
C 4	15.0	15.5	13.0
C 5	20.0	18.5	16.0

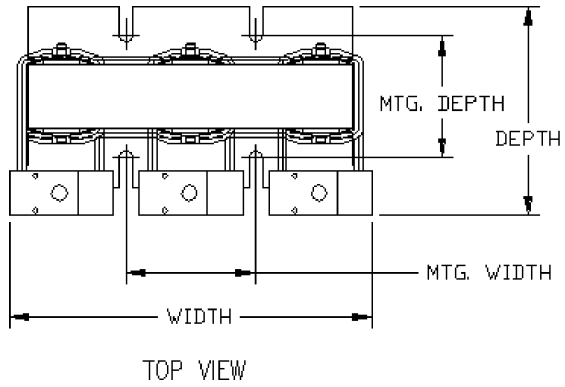


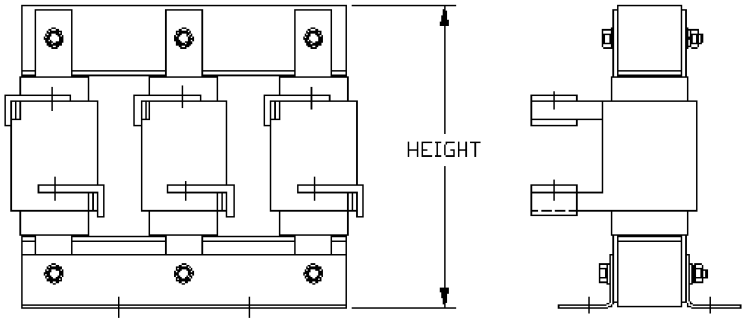
CAB	"W"	"H"	"D"
C 6	21.00	22.25	24.50



CAB	"W"	"H"	"D"
C7	28.50	36.00	30.25

KDR





KDR Product Specifications

- 3 Phase, 600V Class
- UL and CUL Recognized
- CE Marked
- High Performance
- Compact Design
- Available in Low Impedance (Low Z) and High Impedance (High Z)
- Available in 240, 480 and 575 VAC
- Patented High Quality Bobbin Construction (Units 75 Hp and below)
- Distributed Gap Technology
- NEMA 1 enclosures available
- Input and Output Specified
- 40 Degrees C Ambient Temperature
- Minimum 95%L at 110% Load
- Minimum 80%L at 150% Load
- Tolerate 200% rated I for a minimum of 3 minutes

TCI

Performance and Protection For Drives

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