

# Harmonic Solutions



## KDR/KLR Line Reactor

- Reduces harmonics to 35 - 40%; adds impedance (opposition to flow of current) to the line
- Sized by voltage, HP rating of drive and desired impedance
- Offered in 3-phase; 208 - 690 volt; open or enclosed, DIN-Rail; input and output
- Protects the drive from over voltage problems caused by transients and surges (voltage spikes)



## HG7 Passive Harmonic Filter

- Drive-applied filter reduces harmonics to 5 - 8% TDD
- Used to meet IEEE-519 specification and improve power factor and overall efficiency of the system
- Sized by voltage and HP rating of drive
- Offered in 3-phase or 1-phase; 600 volt and below; open or enclosed; standard, contactor, or XM package



## H5 Active Harmonic Filter

- System-applied
- Reduce harmonics to 5% TDD and below
- Reads harmonics on the line and injects a counter current to cancel out harmonics
- Used for multiple 6 pulse VFD applications to meet IEEE-519 specifications
- Improves power factor and overall efficiency of the system
- Sized by corrective current; need one line diagram to size
- Offered in 3-phase; 480 volt applications; open or enclosed; 50/100/225 amp units available

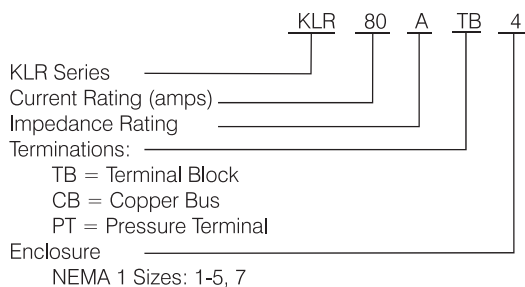
# KLR Series Three Phase Reactors

Part Number	NEC Motor HP			Rated Amps	Watts Loss	Stand. Terms	Dimensions (in.)		Open List Price	NEMA 1 Enclosed	
	480V	575V	240V				Height x Width x Depth	Wgt		Part Number *	List Price
KLR2ATB	1	1	-	2	8	TB	4.00 x 4.25 x 3.00	3	\$ 171.00	KLR2ATB1	\$ 298.00
KLR3ATB	1.5	1.5-2	.5	3	9	TB	4.00 x 4.25 x 3.00	3	\$ 184.00	KLR3ATB1	\$ 312.00
KLR4ATB	2	3	.75	4	15	TB	4.00 x 4.25 x 3.00	4	\$ 187.00	KLR4ATB1	\$ 314.00
KLR6ATB	3	3	1-1.5	6	17	TB	4.00 x 4.25 x 3.00	3	\$ 215.00	KLR6ATB1	\$ 341.00
KLR8ATB	5	5	2	8	27	TB	4.00 x 5.00 x 4.00	3	\$ 222.00	KLR8ATB1	\$ 349.00
KLR12ATB	7.5	7.5-10	3	12	31	TB	5.00 x 7.00 x 5.00	7	\$ 228.00	KLR12ATB1	\$ 354.00
KLR16ATB	10	10	5	16	38	TB	5.75 x 6.00 x 4.00	8	\$ 317.00	KLR16ATB1	\$ 444.00
KLR18ATB	12	15	5	18	40	TB	5.75 x 8.00 x 5.00	11	\$ 320.00	KLR18ATB2	\$ 472.00
KLR21ATB	15	15	5	21	45	TB	5.75 x 8.00 x 5.00	11	\$ 327.00	KLR21ATB2	\$ 479.00
KLR25ATB	15	20	7.5	25	48	TB	5.75 x 8.00 x 5.00	11	\$ 334.00	KLR25ATB2	\$ 485.00
KLR27ATB	20	25	7.5	27	58	TB	5.75 x 8.00 x 5.00	11	\$ 339.00	KLR27ATB2	\$ 491.00
KLR35ATB	20-25	30	10	35	70	TB	5.75 x 8.00 x 5.00	14	\$ 351.00	KLR35ATB2	\$ 502.00
KLR45ATB	30	40	15	45	74	TB	5.75 x 8.00 x 5.00	14	\$ 440.00	KLR45ATB2	\$ 591.00
KLR55ATB	40	50	20	55	113	TB	7.00 x 9.00 x 6.00	22	\$ 488.00	KLR55ATB3	\$ 703.00
KLR80ATB	50-60	60-75	25-30	80	129	TB	9.00 x 11.00 x 6.00	31	\$ 569.00	KLR80ATB4	\$ 930.00
KLR110ACB	75	100	40	110	152	CB	9.00 x 11.00 x 7.00	49	\$ 785.00	KLR110ACB4	\$ 1,147.00
KLR130ACB	100	125	50	130	148	CB	9.00 x 11.00 x 8.00	50	\$ 906.00	KLR130ACB4	\$ 1,267.00
KLR160ACB	125	150	60	160	165	CB	9.00 x 11.00 x 8.00	53	\$ 1,121.00	KLR160ACB4	\$ 1,483.00
KLR200ACB	150	200	75	200	222	CB	11.38 x 14.00 x 8.00	81	\$ 1,314.00	KLR200ACB5	\$ 1,796.00
KLR250ACB	200	250	100	250	261	CB	11.38 x 14.00 x 8.00	91	\$ 1,666.00	KLR250ACB5	\$ 2,148.00
KLR300ACB	250	300	100	300	291	CB	11.38 x 14.00 x 8.00	101	\$ 1,834.00	KLR300ACB5	\$ 2,317.00
KLR360ACB	300	350	125-150	360	380	CB	11.38 x 14.00 x 8.00	98	\$ 1,895.00	KLR360ACB5	\$ 2,377.00
KLR420ACB	350	400-450	150	420	40	CB	11.38 x 14.00 x 8.00	100	\$ 2,174.00	KLR420ACB5	\$ 2,656.00
KLR480ACB	400	500	200	480	392	CB	11.38 x 15.00 x 11.00	110	\$ 2,399.00	KLR480ACB5	\$ 2,882.00
KLR600ACB	450	625	250	600	493	CB	11.38 x 15.00 x 13.00	150	\$ 2,784.00	KLR600ACB5	\$ 3,266.00
KLR750ACB	500	720	300	750	515	CB	17.25 x 16.94 x 10.25	276	\$ 4,231.00	KLR750ACB7	\$ 5,498.00
KLR850ACB	750	800	350	850	569	CB	17.25 x 16.94 x 10.25	290	\$ 4,793.00	KLR850ACB7	\$ 6,061.00
KLR950ACB	800	975	390	950	686	CB	17.25 x 16.94 x 10.25	295	\$ 5,352.00	KLR950ACB7	\$ 6,619.00

**480 V - 3% Z**  
**2.4% Z**  
**240 V - 6% Z**  
**575 V -**

KLR

## Part Numbering System



\* For enclosed unit dimensions and added weight, please refer to the Reactor Enclosure Price Page