

Three Phase - Line and Load Reactors

1 thru 500 Hp



**Applications:** Line side power conditioning for AC motor controls to prevent unwanted harmonics and nuisance drive trips. Load side power conditioning to smooth power wave form to connected motor to reduce motor electrical stresses and increase motor life.

**Features:** Open construction with connection terminals. 3% impedance rating at rated current.

Hp	kW	Input Voltage	Rated Amps	Induct. (mH)	Full Load Watts Loss	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
<b>208/230 Volt input, 60 Hz, 3% Impedance</b>									
1	0.75	230	4	3	15	LRAC00401	306	E8	4
1 1/2-2	1.15-1.5	208/230	8	1.5	20	LRAC00801	306	E8	7
3	2.2	208/230	12	1.25	26	LRAC01201	495	E8	9
5	3.7	208/230	18	0.8	36	LRAC01801	519	E8	9
7 1/2	5.5	208/230	25	0.5	48	LRAC02501	623	E8	11
10	7.4	208/230	35	0.4	49	LRAC03501	661	E8	14
15	11.1	230	45	0.3	54	LRAC04501	697	E8	23
20	14.9	230	55	0.25	64	LRAC05501	740	E8	24
25	18.6	208/230	80	0.2	82	LRAC08001	779	E8	25
30-40	22.3-29.8	208/230	130	0.1	108	LRAC13001	948	E8	29
50	37.2	208/230	160	0.075	116	LRAC16001	1,102	E8	41
<b>460 Volt input, 60 Hz, 3% Impedance</b>									
1-1 1/2	0.75-1.1	460	2	12	8	LRAC00201	258	E8	4
2	1.5	460	4	6.5	20	LRAC00402	325	E8	4
3-5	2.2-3.7	460	8	3	29	LRAC00802	379	E8	8
7 1/2	5.5	460	12	2.5	31	LRAC01202	523	E8	10
10	7.4	460	18	1.5	43	LRAC01802	547	E8	12
15	11.1	460	25	1.2	52	LRAC02502	862	E8	14
20-25	14.9-18.6	460	35	0.8	54	LRAC03502	916	E8	16
30	22.3	460	45	0.7	62	LRAC04502	994	E8	28
40	29.8	460	55	0.5	67	LRAC05502	1,026	E8	27
50-60	37.2-44.7	460	80	0.4	86	LRAC08002	1,038	E8	33
75-100	56-75	460	130	0.2	180	LRAC13002	1,055	E8	43
125	93.2	460	160	0.15	149	LRAC16002	1,163	E8	50
150	112	460	200	0.11	168	LRAC20002	1,615	E8	54
200	149	460	250	0.09	231	LRAC25002	2,107	E8	80
250-300	186.5-223.8	460	400	0.06	333	LRAC40002	2,704	E8	118
350-400	261-298	460	500	0.05	340	LRAC50002	3,796	E8	118
500	373	460	600	0.04	414	LRAC60002	5,914	E8	175
<b>575 Volt input, 60 Hz, 3% Impedance</b>									
1-2	0.75-1.5	575	2	20	12	LRAC00202	286	E8	4
3	2.2	575	4	9	20	LRAC00403	338	E8	5
5	3.7	575	8	3	29	LRAC00802	379	E8	8
7 1/2	5.5	575	8	5	26	LRAC00803	501	E8	11
10	7.5	575	12	2.5	31	LRAC01202	523	E8	10
15	11	575	18	1.5	43	LRAC01802	547	E8	12
20	15	575	25	1.2	52	LRAC02502	862	E8	14
30	22	575	35	0.8	54	LRAC03502	916	E8	16
40	30	575	45	0.7	62	LRAC04502	994	E8	28
50	37.2	575	55	0.5	67	LRAC05502	1,026	E8	27
60-75	44.7-56	575	80	0.4	86	LRAC08002	1,038	E8	33
100-125	75-93	575	130	0.2	180	LRAC13002	1,055	E8	43
150	112	575	160	0.15	149	LRAC16002	1,163	E8	50

**NOTE:** See page 304 for Line Reactor enclosures. See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes

**Three Phase - Line and Load Reactors continued...**

Hp (Rated)	kW (Rated)	Input Voltage	Rated Amps	Induct. (mH)	Full Load Watts Loss	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
<b>200-240 Volt input, 50 Hz, 3% Impedance</b>									
1	0.75	240	4	3	15	LRAC00401	306	E8	4
1 1/2-2	1.1-1.5	200/240	8	1.5	20	LRAC00801	306	E8	7
3	2.2	200/240	12	1.25	26	LRAC01201	495	E8	9
5	3.7	200/240	18	0.8	36	LRAC01801	519	E8	9
7 1/2	5.5	240	25	0.5	48	LRAC02501	623	E8	11
10	7.5	200/240	35	0.4	49	LRAC03501	661	E8	14
15	11.1	240	45	0.3	54	LRAC04501	697	E8	23
20	14.9	240	55	0.25	64	LRAC05501	740	E8	24
25	18.6	200/240	80	0.2	82	LRAC08001	779	E8	25
30-40	22.3-29.8	200/240	130	0.1	108	LRAC13001	948	E8	29
50	37.2	200/240	160	0.075	116	LRAC16001	1,102	E8	41
<b>380/400/415 Volt input, 50 Hz, 3% Impedance</b>									
1	0.75	380	2	12	8	LRAC00201	258	E8	4
1	0.75	400/415	2	20	12	LRAC00202	286	E8	4
2	1.5	380	4	6.5	20	LRAC00402	325	E8	4
2	1.5	400/415	4	9	20	LRAC00403	338	E8	5
3	2.2	380/400/415	8	3	29	LRAC00802	379	E8	8
5	3.7	380/400/415	8	5	26	LRAC00803	501	E8	11
7 1/2	5.5	380/400/415	12	2.5	31	LRAC01202	523	E8	10
10	7.5	380/400/415	18	1.5	43	LRAC01802	547	E8	12
15	11.1	380/400/415	25	1.2	52	LRAC02502	862	E8	14
20	14.9	380/400/415	35	0.8	54	LRAC03502	916	E8	16
25-30	18.6-22.3	380/400/415	45	0.7	62	LRAC04502	994	E8	28
40-50	29.8-37.2	380/400/415	80	0.4	86	LRAC08002	1,038	E8	33
60-75	44.7-56	380/400/415	130	0.2	180	LRAC13002	1,055	E8	43
100	75	400/415	160	0.15	149	LRAC16002	1,163	E8	50
125	93	380/400/415	200	0.11	168	LRAC20002	1,615	E8	54
150-200	112-149	380/400/415	250	0.09	231	LRAC25002	2,107	E8	80
250-300	186.2-223.8	380/400/415	400	0.06	333	LRAC40002	2,704	E8	118
350-400	261-298	380/400/415	500	0.05	340	LRAC50002	3,796	E8	118

**Line Reactor Enclosures NEMA 1**

Enclosure Catalog No.	to Fit LRAC Catalog No.	Mount Type	List Price	Mult. Sym.	Ap'x Shpg. Wgt. (Lbs)	Width (IN/mm)	Height (IN/mm)	Depth (IN/mm)
LRENC-8	LRAC002-4XX	LRAC01801	193	E8	12	8 (293)	10 (254)	6 (152)
	LRAC008-12XX	LRAC01802						
LRENC-13	LRAC01803	LRAC08002	379	E8	16	13 (330)	15 (381)	13 (330)
	LRAC025-35XX							
	LRAC045-55XX							
LRENC-15	LRAC080XTB	LRAC110-160XX	570	E8	35	15 (381)	16 (406)	13 (330)
	LRAC0110-500XX							
LRENC-20S	LRAC200-250XCB	LRAC250-900ACB	764	E8	50	20 (508)	19 (483)	16 (406)

**NOTE:** See notes on inside back flap.