



Product Sizing Chart

Input of VFD									Output of VFD						
Motor HP 480 V	Amps NEC	3% Reactor			5% Reactor			EMI Filter	Up to 100 feet			Up to 1,000 feet			Up to 15,000 feet
		Open	Type 1	Type 3R	Open	Type 1	Type 3R		Output Reactor			V1k Filter			MSD
			Type 1	Type 3R	Open	Type 1	Type 3R		Open	Type 1	Type 3R	Open	Type 1	Type 3R	Type 1 / 3R
0.25	0.7	KDRMA1L1	KDRMA1L1E01	KDRMA1L1E3R	KDRMA1H1	KDRMA1H1E01	KDRMA1H1E3R1	*	KDRMA1L1	KDRMA1L1E01	KDRMA1L1E3R	*	*	*	*
0.33	0.8	KDRMA2L1	KDRMA2L1E01	KDRMA2L1E3R	KDRMA2H1	KDRMA2H1E01	KDRMA2H1E3R1	*	KDRMA2L1	KDRMA2L1E01	KDRMA2L1E3R	*	*	*	*
0.5	1.1	KDRMA3L1	KDRMA3L1E01	KDRMA3L1E3R	KDRMA3H1	KDRMA3H1E01	KDRMA3H1E3R1	*	KDRMA3L1	KDRMA3L1E01	KDRMA3L1E3R	V1K2A00	V1K2A01	V1K2A03	*
0.75	1.6	KDRMA4L1	KDRMA4L1E01	KDRMA4L1E3R	KDRMA4H1	KDRMA4H1E01	KDRMA4H1E3R1	*	KDRMA4L1	KDRMA4L1E01	KDRMA4L1E3R	V1K2A00	V1K2A01	V1K2A03	*
1	2.1	KDRMA5L1	KDRMA5L1E01	KDRMA5L1E3R	KDRMA5H1	KDRMA5H1E01	KDRMA5H1E3R1	*	KDRMA5L1	KDRMA5L1E01	KDRMA5L1E3R	V1K3A00	V1K3A01	V1K3A03	*
1.5	3	KDRMA6L1	KDRMA6L1E01	KDRMA6L1E3R	KDRMA6H1	KDRMA6H1E01	KDRMA6H1E3R1	*	KDRMA6L1	KDRMA6L1E01	KDRMA6L1E3R	V1K3A00	V1K3A01	V1K3A03	*
2	3.4	KDRMA7L1	KDRMA7L1E01	KDRMA7L1E3R	KDRAA1H2	KDRAA1H2E01	KDRAA1H2E3R1	*	KDRMA7L1	KDRMA7L1E01	KDRMA7L1E3R	V1K4A00	V1K4A01	V1K4A03	MSD0005A300
3	4.8	KDRMA8L1	KDRMA8L1E01	KDRMA8L1E3R	KDRAA2H2	KDRAA2H2E01	KDRAA2H2E3R1	*	KDRMA8L1	KDRMA8L1E01	KDRMA8L1E3R	V1K6A00	V1K6A01	V1K6A03	MSD0005A300
4	6.2	KDRAA6L2	KDRAA6L2E01	KDRAA6L2E3R	KDRAA6H2	KDRAA6H2E01	KDRAA6H2E3R1	KRF0008ATB	KDRAA6L2	KDRAA6L2E01	KDRAA6L2E3R	V1K8A00	V1K8A01	V1K8A03	MSD0009A300
5	7.6	KDRAA3L2	KDRAA3L2E01	KDRAA3L2E3R	KDRAA3H2	KDRAA3H2E01	KDRAA3H2E3R1	KRF0008ATB	KDRAA3L2	KDRAA3L2E01	KDRAA3L2E3R	V1K8A00	V1K8A01	V1K8A03	MSD0009A300
7.5	11	KDRAA4L2	KDRAA4L2E01	KDRAA4L2E3R	KDRAA4H2	KDRAA4H2E01	KDRAA4H2E3R1	KRF0016ATB	KDRAA4L2	KDRAA4L2E01	KDRAA4L2E3R	V1K12A00	V1K12A01	V1K12A03	MSD0012A300
10	14	KDRAA5L2	KDRAA5L2E01	KDRAA5L2E3R	KDRAA5H2	KDRAA5H2E01	KDRAA5H2E3R1	KRF0016ATB	KDRAA5L2	KDRAA5L2E01	KDRAA5L2E3R	V1K16A00	V1K16A01	V1K16A03	MSD0016A300
15	21	KDRBA2L	KDRBA2L01	KDRBA2L3R	KDRBA2H	KDRBA2H01	KDRBA2H3R	KRF0025ATB	KDRD1P	KDRD1PE01	KDRD1PE3R	V1K21A00	V1K21A01	V1K21A03	MSD0023A300
20	27	KDRBA1L	KDRBA1L01	KDRBA1L3R	KDRCA3H	KDRCA3H01	KDRCA3H3R	KRF0036ATB	KDRD2P	KDRD2PE01	KDRD2PE3R	V1K27A00	V1K27A01	V1K27A03	MSD0030A300
25	34	KDRD1L	KDRD1L01	KDRD1L3R	KDRD1H	KDRD1H01	KDRD1H3R	KRF0036ATB	KDRD3P	KDRD3PE01	KDRD3PE3R	V1K35A00	V1K35A01	V1K35A03	MSD0035A300
30	40	KDRD2L	KDRD2L01	KDRD2L3R	KDRE2H	KDRE2H01	KDRE2H3R	KRF0050ATB	KDRD4P	KDRD4PE01	KDRD4PE3R	V1K45A00	V1K45A01	V1K45A03	MSD0045A300
40	52	KDRF1L	KDRF1L01	KDRF1L3R	KDRF4H	KDRF4H01	KDRF4H3R	KRF0066ATB	KDRD1P	KDRD1PE01	KDRD1PE3R	V1K55A00	V1K55A01	V1K55A03	MSD0055A300
50	65	KDRF2L	KDRF2L01	KDRF2L3R	KDRF1H	KDRF1H01	KDRF1H3R	KRF0066ATB	KDRF1P	KDRF1PE01	KDRF1PE3R	V1K80A00	V1K80A01	V1K80A03	MSD0065A300
60	77	KDRF4L	KDRF4L01	KDRF4L3R	KDRF2H	KDRF2H01	KDRF2H3R	KRF0090ATB	KDRF2P	KDRF2PE01	KDRF2PE3R	V1K80A00	V1K80A01	V1K80A03	MSD0080A300
75	96	KDRF3L	KDRF3L01	KDRF3L3R	KDRH2H	KDRH2H01	KDRH2H3R	KRF0120ACB	KDRF3P	KDRF3PE01	KDRF3PE3R	V1K110A00	V1K110A01	V1K110A03	MSD0110A300
100	124	KDRH3L	KDRH3L01	KDRH3L3R	KDRH2H	KDRH2H01	KDRH2H3R	KRF0150ACB	KDRH1P	KDRH1PE01	KDRH1PE3R	V1K130A00	V1K130A01	V1K130A03	MSD0130A300
125	156	KDRH2L	KDRH2L01	KDRH2L3R	KDRG3H	KDRG3H01	KDRG3H3R	KRF0180ACB	KDRH1P	KDRH1PE01	KDRH1PE3R	V1K160A00	V1K160A01	V1K160A03	MSD0160A300
150	180	KDRH1L	KDRH1L01	KDRH1L3R	KDRG1H	KDRG1H01	KDRG1H3R	KRF0180ACB	KDRH2P	KDRH2PE01	KDRH2PE3R	V1K200A00	V1K200A01	V1K200A03	MSD0200A300
200	240	KDRG3L	KDRG3L01	KDRG3L3R	KDRJ1H	KDRJ1H01	KDRJ1H3R	KRF0250ACB	KDRG1P	KDRG1PE01	KDRG1PE3R	V1K250A00	V1K250A01	V1K250A03	MSD0250A300
250	302	KDRG1L	KDRG1L01	KDRG1L3R	KDRL1H	KDRL1H01	KDRL1H3R	KRF0320ACB	KDRJ1P	KDRJ1PE01	KDRJ1PE3R	V1K305A00	V1K305A01	V1K305A03	MSD0305A300
300	361	KDRG2L	KDRG2L01	KDRG2L3R	KDRL2H	KDRL2H01	KDRL2H3R	KRF0400ACB	KDRJ2P	KDRJ2PE01	KDRJ2PE3R	V1K362A00	V1K362A01	V1K362A03	MSD0362A300
350	414	KDRJ2L	KDRJ2L01	KDRJ2L3R	KDRL3H	KDRL3H01	KDRL3H3R	KRF0600ACB	KDRL1P	KDRL1PE01	KDRL1PE3R	V1K420A00	V1K420A01	V1K420A03	MSD0420A300
400	477	KDRJ1L	KDRJ1L01	KDRJ1L3R	KDRL4H	KDRL4H01	KDRL4H3R	KRF0600ACB	KDRL2P	KDRL2PE01	KDRL2PE3R	V1K480A00	V1K480A01	V1K480A03	MSD0480A300
450	515	KDRL1L	KDRL1L01	KDRL1L3R	KDRL5H	KDRL5H01	KDRL5H3R	KRF0600ACB	KDRL3P	KDRL3PE01	KDRL3PE3R	V1K600A00	V1K600A01	V1K600A03	MSN0540A300
500	590	KDRL2L	KDRL2L01	KDRL2L3R	KDRL6H	KDRL6H01	KDRL6H3R	KRF0600ACB	KDRL4P	KDRL4PE01	KDRL4PE3R	V1K600A00	V1K600A01	V1K600A03	MSN0600A300
600	720	KDRL3L	KDRL3L01	KDRL3L3R	KDRS1H	KDRS1H01	KDRS1H3R	KRF1000ACB	*	*	*	V1K750A00	V1K750A01	V1K750A03	MSN0750A300
700	840	KDRS1L	KDRS1L01	KDRS1L3R	KDRS2H	KDRS2H01	KDRS2H3R	KRF1000ACB							MSN0840A300
800	960	KDRX2L	KDRX2L01	KDRX2L3R	KDRX2H	KDRX2H01	KDRX2H3R	KRF1000ACB							MSN0960A300
900	1080	KDRX3L	KDRX3L01	KDRX3L3R	KDRX3H	KDRX3H01	KDRX3H3R	KRF1600ACB							*
1000	1200	KDRX1L	KDRX1L01	KDRX1L3R	KDRX4H	KDRX4H01	KDRX4H3R	KRF1600ACB							*
1100	1320	KDRY1L	KDRY1L01	KDRY1L3R	KDRY2H	KDRY2H01	KDRY2H3R	KRF1600ACB							*
1250	1500	KDRY2L	KDRY2L01	KDRY2L3R	KDRY1H	KDRY1H01	KDRY1H3R	KRF1600ACB							*

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Notes:
Size input and output reactors by Full Load Amps of Motor.
Sizing for 690 volt available.

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