



# 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	Open	Type 1		Output Reactor		V1k Filter			MSD Type 1 / 3R
							Open	Type 1	Open	Type 1		
0.25	0.7	KDRMA1L1	KDRMA1L1E01	KDRMA1H1	KDRMA1H1E01	*	KDRMA1L1	KDRMA1L1E01	*	*	*	
0.33	0.8	KDRMA2L1	KDRMA2L1E01	KDRMA2H1	KDRMA2H1E01	*	KDRMA2L1	KDRMA2L1E01	*	*	*	
0.5	1.1	KDRMA3L1	KDRMA3L1E01	KDRMA3H1	KDRMA3H1E01	*	KDRMA3L1	KDRMA3L1E01	V1K2A00	V1K2A01	*	
0.75	1.6	KDRMA4L1	KDRMA4L1E01	KDRMA4H1	KDRMA4H1E01	*	KDRMA4L1	KDRMA4L1E01	V1K2A00	V1K2A01	*	
1	2.1	KDRMA5L1	KDRMA5L1E01	KDRMA5H1	KDRMA5H1E01	*	KDRMA5L1	KDRMA5L1E01	V1K3A00	V1K3A01	*	
1.5	3	KDRMA6L1	KDRMA6L1E01	KDRMA6H1	KDRMA6H1E01	*	KDRMA6L1	KDRMA6L1E01	V1K3A00	V1K3A01	*	
2	3.4	KDRMA7L1	KDRMA7L1E01	KDRAA1H2	KDRAA1H2E01	*	KDRMA7L1	KDRMA7L1E01	V1K4A00	V1K4A01	MSD0005A300	
3	4.8	KDRMA8L1	KDRMA8L1E01	KDRAA2H2	KDRAA2H2E01	*	KDRMA8L1	KDRMA8L1E01	V1K6A00	V1K6A01	MSD0005A300	
4	6.2	KDRAA6L2	KDRAA6L2E01	KDRAA6H2	KDRAA6H2E01	KRF0008ATB	KDRAA6L2	KDRAA6L2E01	V1K8A00	V1K8A01	MSD0009A300	
5	7.6	KDRAA3L2	KDRAA3L2E01	KDRAA3H2	KDRAA3H2E01	KRF0008ATB	KDRAA3L2	KDRAA3L2E01	V1K8A00	V1K8A01	MSD0009A300	
7.5	11	KDRAA4L2	KDRAA4L2E01	KDRAA4H2	KDRAA4H2E01	KRF0016ATB	KDRAA4L2	KDRAA4L2E01	V1K12A00	V1K12A01	MSD0012A300	
10	14	KDRAA5L2	KDRAA5L2E01	KDRAA5H2	KDRAA5H2E01	KRF0016ATB	KDRAA5L2	KDRAA5L2E01	V1K16A00	V1K16A01	MSD0016A300	
15	21	KDRBA2L	KDRBA2L1E01	KDRBA2H	KDRBA2H1E01	KRF0025ATB	KDRD1P	KDRD1PE01	V1K21A00	V1K21A01	MSD0023A300	
20	27	KDRBA1L	KDRBA1L1E01	KDRC3H	KDRC3H1E01	KRF0036ATB	KDRD2P	KDRD2PE01	V1K27A00	V1K27A01	MSD0030A300	
25	34	KDRD1L	KDRD1L1E01	KDRC1H	KDRC1H1E01	KRF0036ATB	KDRD3P	KDRD3PE01	V1K35A00	V1K35A01	MSD0035A300	
30	40	KDRD2L	KDRD2L1E01	KDRE2H	KDRE2H1E01	KRF0050ATB	KDRD4P	KDRD4PE01	V1K45A00	V1K45A01	MSD0045A300	
40	52	KDRC1L	KDRC1L1E01	KDRF4H	KDRF4H1E01	KRF0066ATB	KDRC1P	KDRC1PE01	V1K55A00	V1K55A01	MSD0055A300	
50	65	KDRF2L	KDRF2L1E01	KDRF1H	KDRF1H1E01	KRF0066ATB	KDRF1P	KDRF1PE01	V1K80A00	V1K80A01	MSD0065A300	
60	77	KDRF4L	KDRF4L1E01	KDRF2H	KDRF2H1E01	KRF0090ATB	KDRF2P	KDRF2PE01	V1K80A00	V1K80A01	MSD0080A300	
75	96	KDRF3L	KDRF3L1E01	KDRH2H	KDRH2H1E01	KRF0120ACB	KDRF3P	KDRF3PE01	V1K110A00	V1K110A01	MSD0110A300	
100	124	KDRH3L	KDRH3L1E01	KDRI2H	KDRI2H1E01	KRF0150ACB	KDRH1P	KDRH1PE01	V1K130A00	V1K130A01	MSD0130A300	
125	156	KDRH2L	KDRH2L1E01	KDRG3H	KDRG3H1E01	KRF0180ACB	KDRI1P	KDRI1PE01	V1K160A00	V1K160A01	MSD0160A300	
150	180	KDRH1L	KDRH1L1E01	KDRG4H	KDRG4H1E01	KRF0180ACB	KDRI2P	KDRI2PE01	V1K200A00	V1K200A01	MSD0200A300	
200	240	KDRG3L	KDRG3L1E01	KDRJ1H	KDRJ1H1E01	KRF0250ACB	KDRG1P	KDRG1PE01	V1K250A00	V1K250A01	MSD0250A300	
250	302	KDRG1L	KDRG1L1E01	KDRL1H	KDRL1H1E01	KRF0320ACB	KDRJ1P	KDRJ1PE01	V1K305A00	V1K305A01	MSD0305A300	
300	361	KDRG2L	KDRG2L1E01	KDRL2H	KDRL2H1E01	KRF0400ACB	KDRJ2P	KDRJ2PE01	V1K362A00	V1K362A01	MSD0362A300	
350	414	KDRJ2L	KDRJ2L1E01	KDRL3H	KDRL3H1E01	KRF0600ACB	KDRL1P	KDRL1PE01	V1K420A00	V1K420A01	MSD0420A300	
400	477	KDRJ1L	KDRJ1L1E01	KDRL4H	KDRL4H1E01	KRF0600ACB	KDRL2P	KDRL2PE01	V1K480A00	V1K480A01	MSD0480A300	
450	515	KDRL1L	KDRL1L1E01	KDRL5H	KDRL5H1E01	KRF0600ACB	KDRL3P	KDRL3PE01	V1K600A00	V1K600A01	MSN0540A300	
500	590	KDRL2L	KDRL2L1E01	KDRL6H	KDRL6H1E01	KRF0600ACB	KDRL4P	KDRL4PE01	V1K600A00	V1K600A01	MSN0600A300	
600	720	KDRL3L	KDRL3L1E01	KDRS1H	KDRS1H1E01	KRF1000ACB	*	*	V1K750A00	V1K750A01	MSN0750A300	
700	840	KDRS1L	KDRS1L1E01	KDRS2H	KDRS2H1E01	KRF1000ACB	* Consult Technical Support 1-800-824-8282 tech-support@transcoil.com				MSN0840A300	
800	960	KDRX2L	KDRX2L1E01	KDRX2H	KDRX2H1E01	KRF1000ACB					MSN0960A300	
900	1080	KDRX3L	KDRX3L1E01	KDRX3H	KDRX3H1E01	KRF1600ACB					*	
1000	1200	KDRX1L	KDRX1L1E01	KDRX4H	KDRX4H1E01	KRF1600ACB					*	
1100	1320	KDRY1L	KDRY1L1E01	KDRY2H	KDRY2H1E01	KRF1600ACB					*	
1250	1500	KDRY2L	KDRY2L1E01	KDRY1H	KDRY1H1E01	KRF1600ACB					*	

**Notes:**

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

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