

The following table provides **Watts Loss** data for Fuji Electric's **FRENIC-MEGA** series drives (Low, Medium & High Duty Modes).

FRENIC-MEGA										
Voltage	Hp	Drive Model Number	Drive Watts Loss						DC Link Reactor Model Number	DC Link Reactor Watts Loss
			Low Duty Mode		Medium Duty Mode	High Duty Mode		At stop		
			Low carrier frequency	High carrier frequency	Low carrier frequency	Low carrier frequency	High carrier frequency			
Three phase 230VAC	0.5	FRNF50G1S-2U	35	45	-	35	45	23		
	1	FRN001G1S-2U	50	60	-	50	60	23	-	-
	2	FRN002G1S-2U	80	110	-	80	110	23	-	-
	3	FRN003G1S-2U	110	140	-	110	140	27	-	-
	5	FRN005G1S-2U	170	210	-	170	210	27	-	-
	7.5	FRN007G1S-2U	290	370	-	240	310	31	-	-
	10	FRN010G1S-2U	290	370	-	240	310	31	-	-
	15	FRN015G1S-2U	410	550	-	300	415	31	-	-
	20	FRN020G1S-2U	500	670	-	450	620	34	-	-
	25	FRN025G1S-2U	630	840	-	540	700	31	-	-
	30	FRN030G1S-2U	770	970	-	660	860	38	-	-
	40	FRN040G1S-2U	1120	1250 ¹	-	790	1040	38	-	-
	50	FRN050G1S-2U	1650	1750 ¹	-	1300	1450	56	-	-
	60	FRN060G1S-2U	1650	1850 ¹	-	1300	1550	56	-	-
	75	FRN075G1S-2U	1850	1950 ¹	-	1450	1600	94		
	100	FRN100G1S-2U	2250	2400 ¹	-	1750	1900	94	DCR2-75C	96
125	FRN125G1S-2U	2700	2800 ²	-	2300	2550 ¹	101	DCR2-90C	100	
150	FRN150G1S-2U	3250	3350 ²	-	2750	3050 ¹	121	DCR2-110C	126	
Three phase 460VAC	0.5	FRNF50G1S-4U	35	60	-	35	60	23	-	-
	1	FRN001G1S-4U	45	80	-	45	80	23	-	-
	2	FRN002G1S-4U	60	110	-	60	110	23	-	-
	3	FRN003G1S-4U	80	140	-	80	140	27	-	-
	5	FRN005G1S-4U	130	230	-	130	230	27	-	-
	7.5	FRN007G1S-4U	210	370	-	170	300	31	-	-
	10	FRN010G1S-4U	210	370	-	170	300	31	-	-
	15	FRN015G1S-4U	300	520	-	230	400	31	-	-
	20	FRN020G1S-4U	360	610	-	300	520	31	-	-
	25	FRN025G1S-4U	460	770	-	360	610	31	-	-
	30	FRN030G1S-4U	510	870	-	440	770	31	-	-
	40	FRN040G1S-4U	710	1310 ¹	-	510	900	31	-	-
	50	FRN050G1S-4U	1000	1250 ¹	-	800	1150	57	-	-
	60	FRN060G1S-4U	1250	1550 ¹	-	1000	1450	57	-	-
	75	FRN075G1S-4U	1350	1700 ¹	-	1100	1600	63	-	-
	100	FRN100G1S-4U	1950	2400 ¹	-	1350	1950	63	DCR4-75C	97
	125	FRN125G1S-4U	2000	2250 ²	-	1600	2150 ¹	100	DCR4-90C	111
	150	FRN150G1S-4U	2250	2550 ²	2250	1900	2600 ¹	107	DCR4-110C	122
	200	FRN200G1S-4U	2700	3050 ²	2700	2300	3050 ¹	107	DCR4-132C	159
	250	FRN250G1S-4U	3050	3400 ²	3050	2500	3300 ¹	116	DCR4-160C	185
	300	FRN300G1S-4U	3900	4350 ²	3900	3100	4000 ¹	142	DCR4-200C	218
	350	FRN350G1S-4U	4250	4750 ²	4250	3850	5000 ¹	169	DCR4-220C	231
	450	FRN450G1S-4U	5600	6200 ²	4850	4350	5600 ¹	188	DCR4-280C	270
	500	FRN500G1S-4U	6500	7300 ²	5850	5300	6900 ¹	251	DCR4-355C	308
600	FRN600G1S-4U	7500	8350 ²	6650	6000	7800 ¹	251	DCR4-400C	323	
700	FRN700G1S-4U	8100	9100 ²	7250	6450	8450 ¹	282	DCR4-450C	338	
800	FRN800G1S-4U	9200	10350 ²	8250	7350	9650 ¹	282	DCR4-500C	384	
900	FRN900G1S-4U	11550	12950 ²	-	9600	10700 ²	467	DCR4-630C	620	
1000	FRN900G1S-4U	13500	13800 ³	-	11900	13300 ²	467	DCR4-710C	600	

Note: # in the table replaces S or H depending on the enclosure

Carrier frequency values are as follows: Low carrier = 2kHz

High carrier for 40Hp & below = 16kHz & 50Hp & above = 15kHz with following exceptions noted:

High carrier for *1 = 10kHz

High Carrier for *2 = 6kHz

High Carrier for *3 = 4kHz

The carrier frequency is programmable, via parameter F26, refer to FRENIC-MEGA instruction manual INR-SI47-1457a-E