

POWER AUTO TRANSFORMERS

(Low/high frequency)

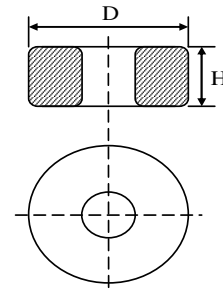
MPTT-Series

Introduction:

MTFM series of power Acito transformers are available in more than 50 different modes (high/low frequency), virtually offering solutions to Power Transformer, Audio Transformer, Three Phase Transformer, Auto Transformer, Auto Transformer, Control Transformer, Power Adapter, Power Adapter, rectifier transformer, high frequency transformers etc. Company undertakes designing special application transformer.

Advantage:

Energy efficient due to low no-load current.
 Better voltage regulation due to low inductance/resistance.
 Compact size
 High kilo watt/k.g.
 Low inrush current.
 High galvanic isolation.. 5 mega ohm/500 vol;t d.c.

**ELECTRICAL & MECHANICAL SPECIFICATION (Low frequency):**

Power < 10,000 VA

Model	Capacity (VA)	Input (V)	Frequency (HZ)	Output (V)	Temperature rise (□)	Formal Size		Weight kg	Fix-OS (mm)	screw (mm)
						H (mm)	D (mm)			
MVVT-30	30	220V	50	12	≤65	32	74	0.6	Φ6.5	M6
MVVT-50	50	220V	50	12	≤65	33	83	0.75	Φ6.5	M6
MVVT-80	80	220V	50	12	≤65	37	100	1.1	Φ6.5	M6
MVVT-105	105	220V	50	12	≤65	37	111	1.4	Φ8.5	M8
MVVT-120	120	220V	50	12	≤65	44	106	1.6	Φ8.5	M8
MVVT-150	150	220V	50	12	≤65	43	116	1.85	Φ8.5	M8
MVVT-190	190	220V	50	12	≤65	48	121	2.3	Φ8.5	M8
MVVT-240	240	220V	50	12	≤65	50	125	2.6	Φ8.5	M8
MVVT-300	300	220V	50	12	≤65	54	128	3	Φ8.5	M8
MVVT-500	500	220V	50	12	≤65	60	135	5.3	Φ8.5	M8

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ELECTRICAL & MECHANICAL SPECIFICATION (Low frequency :

Model	Capacity (VA)/phase	Input (V)	Frequency (HZ)	Output (V)	Temperature rise (□)	Formal Size		Weight Kg	Fix-OS (mm)	screw (mm)
						H (mm)	D (mm)			
MVVT-80	800/1	220V	50	12	≤65	60	150	8.5	Φ6.5	M6
MVVT-105	1050/1	220V	50	12	≤65	70	170	11.0	Φ8.5	M8
MVVT-120	1200/1	220V	50	12	≤65	75	175	13.5	Φ8.5	M8
MVVT-150	1500/1	220V	50	12	≤65	85	200	15.0	Φ8.5	M8
MVVT-190	1900/1	220V	50	12	≤65	100	225	18.5	Φ8.5	M8
MVVT-240	2400/1	220V	50	12	≤65	150	250	22.0	Φ8.5	M8
MVVT-300	3000/1	220V	50	12	≤65	175	275	28.4	Φ8.5	M8
MVVT-500	5000/1	220V	50	12	≤65	200	300	36.6	Φ8.5	M8

ELECTRICAL & MECHANICAL SPECIFICATION (HIGH FREQUENCY):

Model	Capacity (VA)/phase	Input (V)	Frequency (HZ)	Output (V)	Temperature rise (□)	Formal Size		Weight kg	Fix-OS (mm)	screw (mm)
						H (mm)	D (mm)			
MVVT-502	1000/1	200V	1000	20/50/100/1000	≤65	37	110	0.75	Φ6.5	M6
MVVT-802	1200/1	200V	1000	20/50/100/1000	≤65	44	125	1.1	Φ6.5	M6
MVVT-1052	1500/1	200V	1000	20/50/100/1000	≤65	45	130	1.4	Φ8.5	M8
MVVT-1202	2400/1	200V	1000	20/50/100/1000	≤65	50	150	1.6	Φ8.5	M8
MVVT-1502	3000/1	200V	1000	20/50/100/1000	≤65	50	160	1.85	Φ8.5	M8
MVVT-1902	5000/1	200V	1000	20/50/100/1000	≤65	55	180	2.3	Φ8.5	M8
MVVT-2402	7000/1	200V	1000	20/50/100/1000	≤65	60	200	2.6	Φ8.5	M8
MVVT-3002	8000/1	200V	1000	20/50/100/1000	≤65	37	225	3.0	Φ8.5	M8
MVVT-5002	10000/3	200V	1000	20/50/100/1000	≤65	44	250	5.3	Φ8.5	M8

These Diemension may be amended.

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Model	Capacity (VA)/phase	Input (V)	Frequency (HZ)	Output (V)	Temperature rise (°C)	Formal Size		Weight kg	Fix-OS (mm)	screw (mm)
						H (mm)	D (mm)			
MVVT-153	15000/3	220V	1000/optional	20/50/100/1000	≤65	60	300	8.5	Φ6.5	M6
MVVT-203	20000/3	220V	1000/optional	20/50/100/1000	≤65	70	400	11.0	Φ8.5	M8
MVVT-253	25000/3	220V	1000/optional	20/50/100/1000	≤65	80	500	13.5	Φ8.5	M8
MVVT-303	30000/3	220V	1000/optional	20/50/100/1000	≤65	100	550	16.8	Φ8.5	M8
MVVT-403	40000/3	220V	1000/optional	20/50/100/1000	≤65	125	600	23.0	Φ8.5	M8
MVVT-503	50000/3	220V	1000/optional	20/50/100/1000	≤65	150	700	28.0	Φ8.5	M8
MVVT-753	75000/3	220V	1000/optional	20/50/100/1000	≤65	200	800	34.7	Φ8.5	M8
MVVT-993	100000/3	220V	1000/optional	20/50/100/1000	≤65	200	900	60.5	Φ8.5	M8

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