

MGM



TRANSFORMER COMPANY

ISO 9001



**Stock Transformers
600 V Class, Dry Type, General Purpose**

BULLETIN 10

GENERAL INFORMATION

MGM Dry type transformers are designed, manufactured and tested in accordance with all applicable NEMA, ANSI and IEEE standards.

MGM 600 Volt class transformers are UL listed in accordance to standards UL506 and UL1561 and are classified as isolation transformers.

Enclosures

MGM ventilated transformers utilize a NEMA 2 rated drip proof metal enclosure with natural draft ventilation. Our single piece welded base design allows vibration free strength and rigidity.

Weathershield kits are available to convert the enclosure to NEMA-3R, suitable for outdoor applications.

Sound Levels

MGM 600 Volt class general purpose dry type transformers are designed to meet NEMA ST-20 sound levels.

NEMA standard sound levels

KVA Decibels	600Volts or less
0-9	40
10-50	45
51-150	50
151-300	55
301-500	60

Voltage Taps

Taps will compensate for the high or low line voltages.

MGM 600volt class transformers are provided with 6 taps- 4 2@1/2 percent below normal(FCBN) and 2 2@1/2 percent above normal(FCAN)

600Volt Stock Ratings available for immediate shipment:

- 3 Phase, 15KVA - 500KVA
480D - 208Y/120
- 3 Phase, 15KVA - 500KVA
480D - 240D/120
- 3 Phase, 15KVA - 75KVA
240D - 208Y/120
- 1 Phase, 10KVA - 100KVA
480D X 240D - 240D/120

- Aluminium Wound
- 150°C Temperature Rise
- 60HZ
- NEMA 1
- NEMA 3R
- Electro Static Shield

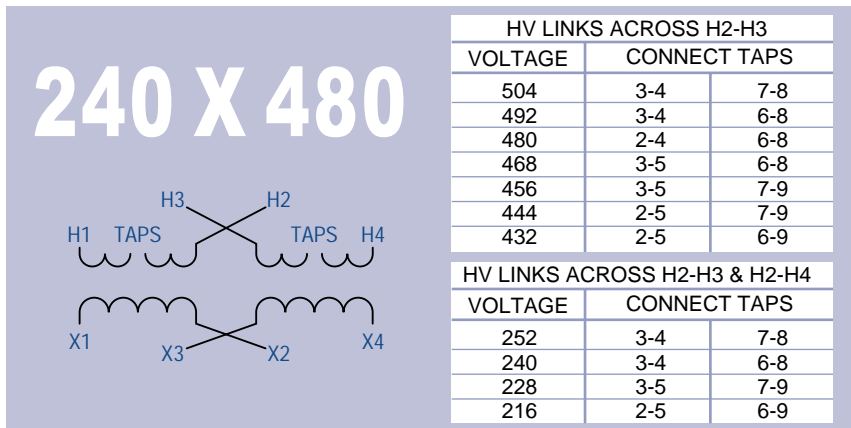
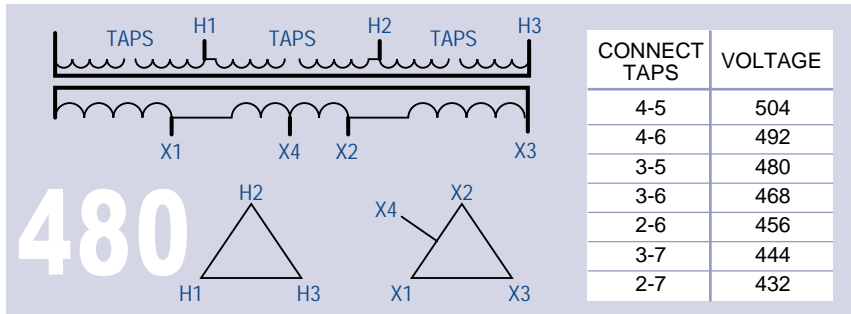
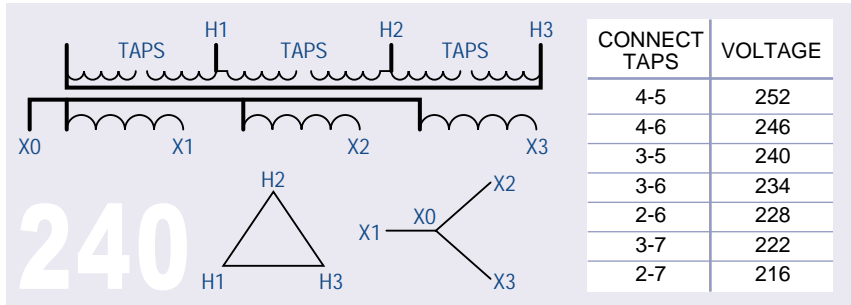


STANDARD FEATURES

- UL LISTED
- ALUMINUM WINDINGS
- STOCK UNITS LISTED ON BACK PAGE
- ELECTROSTATIC SHIELDED

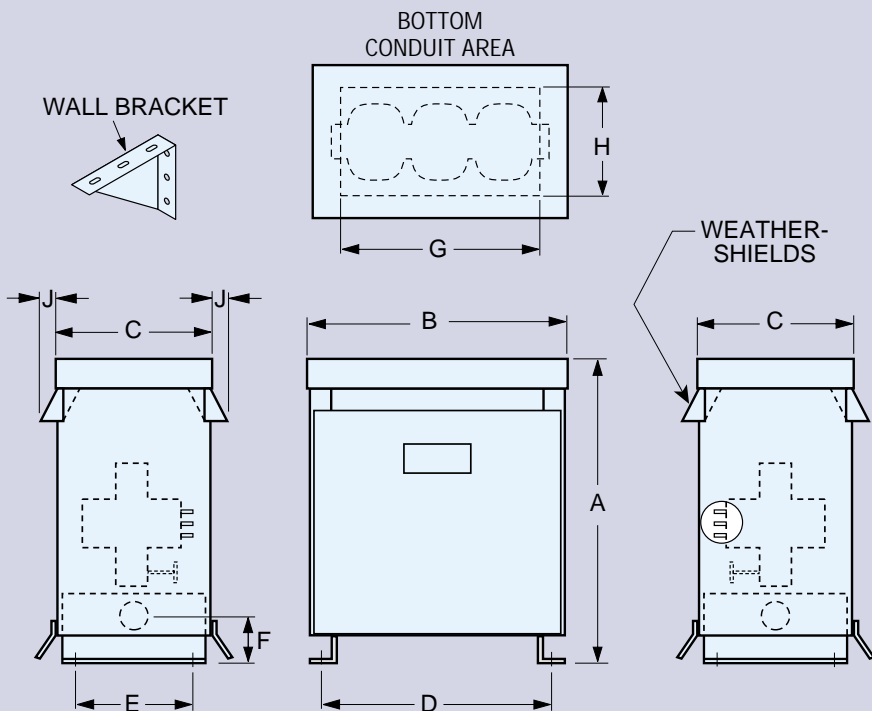
COMMON OPTIONS

- COPPER WINDINGS (3-4 WEEKS)
- OUTDOOR NEMA-3R KIT (STOCKED)
- 80° AND 115° C TEMPERATURE RISE
- K-FACTOR



3ϕ, 480 VOLT PRIMARY				240V D PRIMARY		1ϕ, 240 x 480 PRIMARY		
KVA	Secondary		Weight (Lbs)	Secondary 208/120V	Weight (Lbs)	KVA	Secondary 120/240V	Weight (Lbs)
	208Y/120	240/120						
15	HT 15A3B2	HT 15A3K2	230	HT15C3B2S	230	10	H S10C3B2	190
30	HT 30A3B2	HT 30A3K2	340	HT30C3B2S	340	15	H S15C3B2	220
45	HT 45A3B2	HT 45A3K2	405	HT45C3B2S	405	25	H S25C3B2	300
75	HT 75A3B2	HT 75A3K2	600	HT75C3B2S	600	37.5	H S37C3B2	360
112.5	HT112A3B2	HT112A3K2	720	HT112C3B2S	720	50	H S50C3B2	400
150	HT150A3B2	HT150A3K2	880			75	H S75C3B2	560
225	HT225A3B2	HT225A3K2	1,300			100	H S100C3B2	660
300	HT300A3B2	HT300A3K2	1,600					
500	HT500A3B2	HT500A3K2	2,475					

Six Taps - 2-2.5% FCAN & 4-2.5% FCBN - An MGM Standard



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KVA	DIMENSIONS (Inches)										Wall Bracket	Weather Shield
	A	B	C	D	E	F	G	H	J	K		
9 - 15	28	21	14	18 ^{1/2}	9	7	17	10	4	3"	WB1	RH1
30 - 45	32	26 ^{1/2}	17	23	12	7	22	13	4	3"	WB1	RH2
75 - 112.5	40 ^{1/2}	31 ^{1/2}	21 ^{3/4}	28 ^{1/2}	16	9	26	16 ^{1/2}	4	4"	WB1	RH3
150	40 ^{1/2}	36 ^{1/2}	21 ^{3/4}	33 ^{1/2}	16	9	31	16 ^{1/2}	4	4"	-	RH4
225 - 300	51 ^{1/2}	40 ^{1/2}	26 ^{1/2}	37	21	10 ^{1/2}	35	19	4 ^{5/8}	5"	-	RH5
500	66	50 ^{1/2}	32	47 ^{1/2}	24	11 ^{3/4}	44	24	4 ^{5/8}	2-5"	-	RH6