

BALLAST SPECIFICATION



Precision Lamp & Transformer

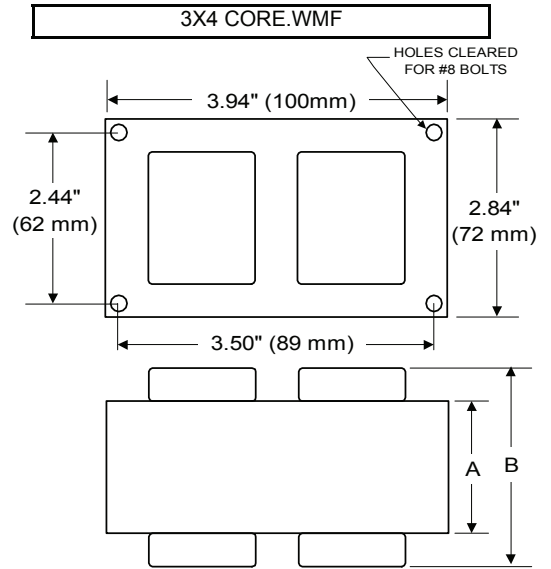
100W M90

Pulse Start Metal Halide

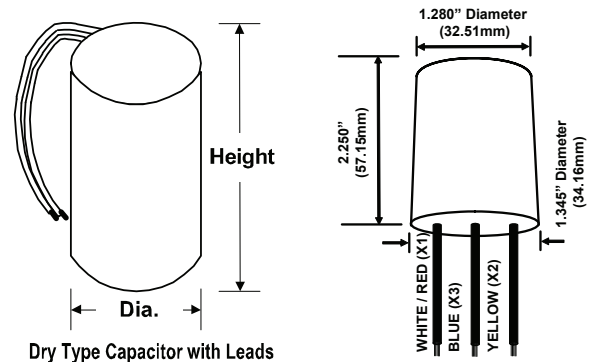
100PX4TK

60 Hz HX-HPF

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	1.10	0.65	0.55	0.50
Open Circuit	2.60	1.50	1.30	1.15
Starting	1.00	0.60	0.50	0.45
Recommended Fuse (Amps)	7	4	4	3
Regulation				
Line Volts	±5%	±5%	±5%	±5%
Lamp Watts	±10%	±10%	±10%	±10%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	70.1	69.8	65.9	71.8
Power Factor (Min)	90%	90%	90%	90%
Input Watts	125 W	125 W	125 W	125 W
Efficiency				
NOM. Open Circuit Voltage	270	270	270	270
Input Voltage At Lamp Dropout	80	140	160	185
Min Ambient Starting Temp	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	1,600 V	1,600 V	1,600 V	1,600 V
1 Second	1,900 V	1,900 V	1,900 V	1,900 V
Open Circuit Voltage Test (V)	240 - 300	240 - 300	240 - 300	240 - 300
Short Circuit Current Test (A)				
Secondary Current	Min 1.20 Max 1.50	Min 1.20 Max 1.50	Min 1.20 Max 1.50	Min 1.20 Max 1.50
Input Current	Min 0.40 Max 0.75	Min 0.25 Max 0.45	Min 0.20 Max 0.40	Min 0.15 Max 0.35
CORE and COIL Specifications				
Dimension (A)	1.70 in	1.70 in	1.70 in	1.70 in
Dimension (B)	3.10 in	3.10 in	3.10 in	3.10 in
Weight	5.2 lb's	5.2 lb's	5.2 lb's	5.2 lb's
Lead Lengths	12 "	12 "	12 "	12 "
Capacitor Requirement				
Microfarads	12.0 uf	12.0 uf	12.0 uf	12.0 uf
Volts (Min)	280 V	280 V	280 V	280 V



Capacitor:	ACG321	Ignitor:	BVS-032
Microfarads:	12.0 uf	Case Temp (Max):	105 °C
Volts (Max):	330 V	BTL Distance (Max)	2 ft
Case Temp (Max)	100 °C		
Height (Max):	2.76 in		
Dia (Max):	1.62 in		



Dry Type Capacitor with Leads

Ordering Information Add Suffix for options

- C - With Capacitor
- K - Prewired, with Capacitor and Bracket Kit
- B - With Welded Bracket, no cap
- CB - With Capacitor and Welded Bracket

* -40°F/-40°C Min Ambient Starting Temp
Coil material: primary Cu and secondary Al

RoHS compliant on all manufactured products after August 1, 2007

Data is based upon tests performed in a controlled environment and is representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



RoHS

