

BALLAST SPECIFICATION



Precision Lamp & Transformer

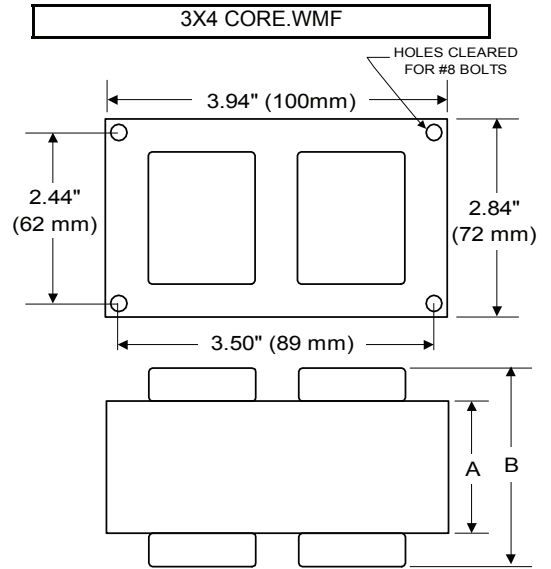
150W M102

Pulse Start Metal Halide

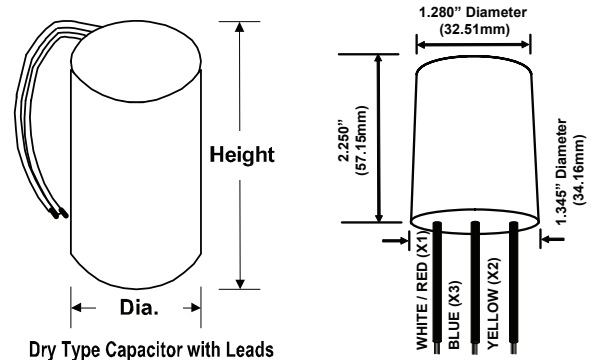
150PX4TK

60 Hz HX-HPF

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	1.60	1.00	0.80	0.70
Open Circuit	3.50	2.15	1.75	1.55
Starting	1.30	0.95	0.65	0.55
Recommended Fuse (Amps)	9	6	5	4
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	B	D	C	C
Benchtop Coil Rise	78.0	87.6	80.9	80.5
Power Factor (Min)	90%	90%	90%	90%
Input Watts	185 W	185 W	185 W	185 W
Efficiency	81%	81%	81%	81%
NOM. Open Circuit Voltage	265	265	265	265
Input Voltage At Lamp Dropout	75	120	150	170
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)	235 - 295	235 - 295	235 - 295	235 - 295
Short Circuit Current Test (A)				
Secondary Current				
Min	1.95	1.95	1.95	1.95
Max	2.45	2.45	2.45	2.45
Input Current				
Min	0.90	0.55	0.45	0.40
Max	1.70	1.10	0.85	0.75
CORE and COIL Specifications				
Dimension (A)	2.25 in	2.25 in	2.25 in	2.25 in
Dimension (B)	3.90 in	3.90 in	3.90 in	3.90 in
Weight	7.1 lb's	7.1 lb's	7.1 lb's	7.1 lb's
Lead Lengths	12 "	12 "	12 "	12 "
Capacitor Requirement				
Microfarads	16.0 uf	16.0 uf	16.0 uf	16.0 uf
Volts (Min)	280 V	280 V	280 V	280 V



Capacitor:	ACG301	Ignitor:	BVS-032
Microfarads:	16.0 uf	Case Temp (Max):	105 °C
Volts (Max):	330 V	BTL Distance (Max)	5 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 Dry Capacitor
 CB - With Dry Capacitor and Welded Bracket
 B - With Welded Bracket, no Capacitor
 K - Prewired, with Dry Capacitor and Bracket Kit

* -40°F/-40°C Min Ambient Starting Temp
 RoHS compliant on all manufactured products after August 1, 2007
 Data is based upon tests performed by 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.

MEETS TEMPERATURE EXCLUSION OF PL 110-140



RoHS

