



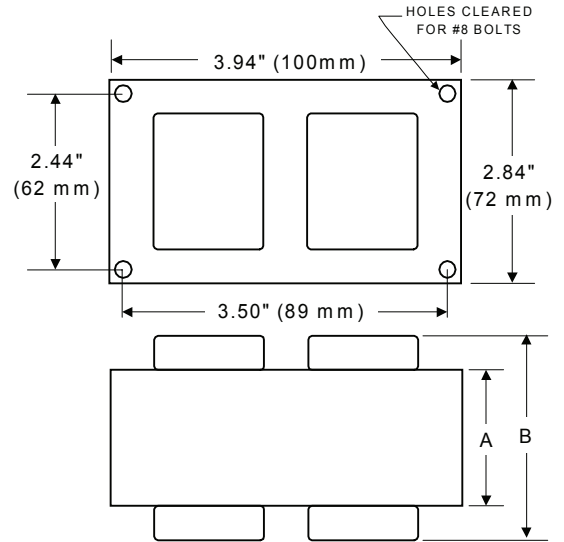
Precision Lamp & Transformer

PRODUCT SPECIFICATION BULLETIN

70W S62 High Pressure Sodium 70HX4TK 60 Hz HX-HPF

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	0.80	0.45	0.40	0.35
Open Circuit	1.50	0.85	0.75	0.65
Starting	0.60	0.35	0.30	0.25
Regulation				
Line Volts	±5%	±5%	±5%	±5%
Lamp Watts	±10%	±10%	±10%	±10%
UL Temperature Ratings				
Insulation Class	H	H	H	H
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	51.2	49.0	51.0	48.3
Input Watts	90 W	90 W	90 W	90 W
NOM. Open Circuit Voltage	120	120	120	120
Power Factor	90%	90%	90%	90%
Current Crest Factor	1.50	1.50	1.50	1.50
Input Voltage At Lamp Dropout	90	160	180	205
MIN. Ambient Starting Temp.	-40°F -40°C	-40°F -40°C	-40°F -40°C	-40°F -40°C
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	2,000 V	2,000 V	2,000 V	2,000 V
1 Second	2,500 V	2,500 V	2,500 V	2,500 V
Open Circuit Voltage Test (V)	105 - 135	105 - 135	105 - 135	105 - 135
Short Circuit Current Test (A)				
Secondary Current Min	1.80	1.80	1.80	1.80
Max	2.20	2.20	2.20	2.20
Input Current Min	0.40	0.25	0.20	0.15
Max	0.70	0.40	0.35	0.30
Recommended Fuse (Amps)	4	3	2	2
CORE and COIL Specifications				
Dimension (A)	1.50 in	1.50 in	1.50 in	1.50 in
Dimension (B)	2.95 in	2.95 in	2.95 in	2.95 in
Weight (lbs.)	4.6 lb's	4.6 lb's	4.6 lb's	4.6 lb's
Lead Lengths	12"	12"	12"	12"
CAPACITOR Specifications				
Microfarads	7.0 uf	7.0 uf	7.0 uf	7.0 uf
Volts (min.)	280 V	280 V	280 V	280 V

3X4 CORE - HX, CWA & CWI UNITS

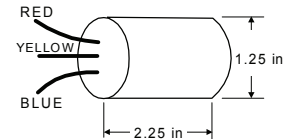
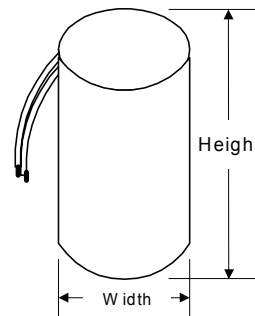


Capacitor: ACG226

Ignitor: BVS-006-A

Temp Rating: 100 °C
Height: 2.72 in
Dia/Oval Dim 1.38 in

Temp: 105 °C
BTL: 5 ft



Plastic Dry Film Capacitor

Ordering Information Add Suffix for options

- C - With Capacitor
- K - With Capacitor and Bracket Kit
- B - With Welded Bracket no cap

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

12/8/00

Preliminary

