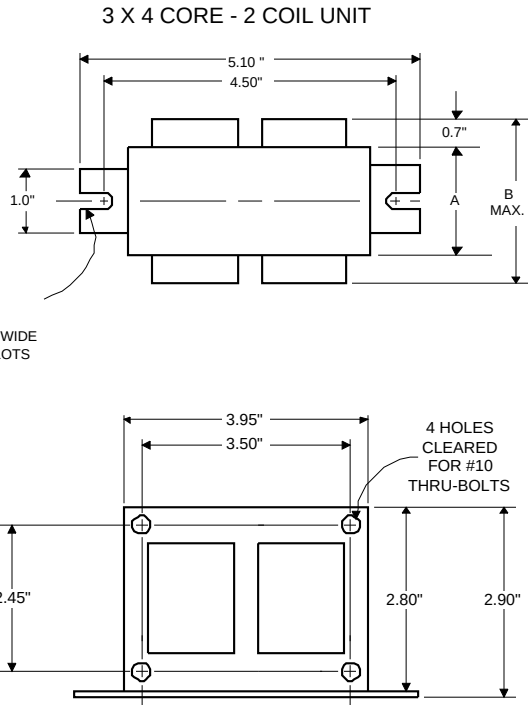




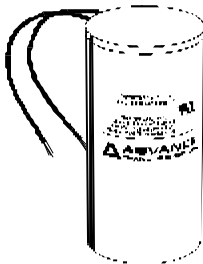
**Metal
Halide
Lamp Ballast**

Catalog Number 71A5380
For 100W M90/M140
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



Capacitor: 7C120M33-R



Capacitance: 12
Dia/Oval Dim: 1.5
Height: 2.9

Temp Rating: 105°C

Ignitor: LI533-H4



Ballast to Lamp Distance
(BTL) = 20 feet
Temp Rating: 105°C

Data is based upon tests performed by Advance Transformer in a controlled environment and representative of relative performance.
Actual performance can vary depending on operating conditions. Specification Ballast does not include capacitor. Please call for more information.

INPUT VOLTS	120	277			
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±12%				
LINE CURRENT (Amps)					
Operating.....	1.15	0.50			
Open Circuit.....	2.30	1.00			
Starting.....	1.20	0.60			
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	265				
INPUT VOLTAGE AT LAMP DROPOUT.....	90	208			
INPUT WATTS	129				
RECOMMENDED FUSE (Amps).....	6	3			
CORE and COIL					
Dimension (A)	1.50				
Dimension (B)	2.80				
Weight (lbs.)	5.5				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	12.0				
Volts (min.)	280				
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)					
High Potential Test (Volts)					
1 minute	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	240-300				
Short-Circuit Current Test (Amps)					
Secondary Current	1.35-1.70				
Input Current.....	1.00	0.40	-	-	-
	1.50	0.65			

Wiring Diagram:

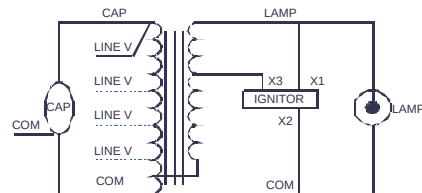


Fig. K3



Typical Ordering Information

(please call Advance for suffix availability)

Order Suffix	Description
500D.	Ballast With Ignitor and Dry Film Capacitor
510D.	Ballast w/Welded Bracket, Ignitor, & Dry Film Capacitor
600.	Ballast With Ignitor, No Capacitor
610.	Ballast with Welded Bracket and Ignitor, No Capacitor

ADVANCE

O'HARE INTERNATIONAL CENTER · 10275 WEST HIGGINS ROAD · ROSEMONT, IL 60018

Customer Support/Technical Service: Phone: 800-372-3331 · Fax: 630-307-3071

Corporate Offices: Phone: 800-322-2086

10/29/01