

# Core & Coil (71A) MH ~GT~ 450W

## CORE & COIL HID 71A6772001

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

### Product data

General Information		Input Frequency	
ANSI Code	M48	Input Frequency	60 Hz
Lamp Type	1500W MH	Input Current (Open Circuit)	5.72/3.29/3.04/2.57 A
Number of Lamps	1 piece/unit	Input Current (Starting)	10.8/6.13/5.42/4.72 A
Circuit Type	CWA	Input Current (Short Circuit)	9.1-13.6/5.22-7.83/4.56-6.84/3.96-5.95 V
Ballast Type	Magnetic HID	Secondary Short Circuit Current	7.29-8.9 A
Base Model	71A6772	Constant Wattage Deviation	12%
Core Size	4 1/4 x 6 (2 Coil NB)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Open Circuit Voltage	460 V
Ignitor Temperature Rating	NA	Input Current (Nom)	13.4/7.8/6.8/5.9 A A
Capacitor Value	32 MFD	Input Power (Nom)	1610 W
Capacitor Catalog Number	MD3202100	Rated Lamp Power	1500 W
Capacitor Requirements	525V	<b>Wiring</b>	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	2 in	Wire Length by Color	12"
Capacitor Height	3.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
<b>Operating and Electrical</b>		Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Input Voltage	120/208/240/277 V	Recommended Fuse Value	30/25/20/15 A

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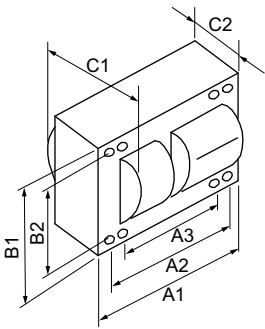
### Approval and Application

Open Circuit Voltage Test (Volts)	414-506 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	G/E/E/G
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029G

### Product Data

Order product name	CORE & COIL HID 71A6772001
EAN/UPC - Product	781087677216
Order code	913700574909
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700574909
Net Weight (Piece)	14.370 kg

### Dimensional drawing



MH BAL 1500W M48 QUAD KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6772001	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in





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Capacitor Catalog Number	MD3202100	Rated Lamp Power	1500 W
Capacitor Requirements	525V	<b>Wiring</b>	
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Capacitor Diameter/Oval Dimensions	2 in	Wire Length by Color	12"
Capacitor Height	3.75 in	Wire Type	Stranded
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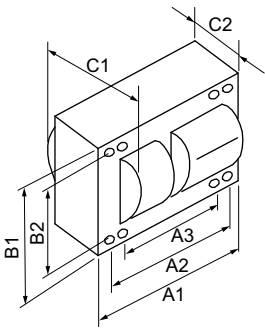
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