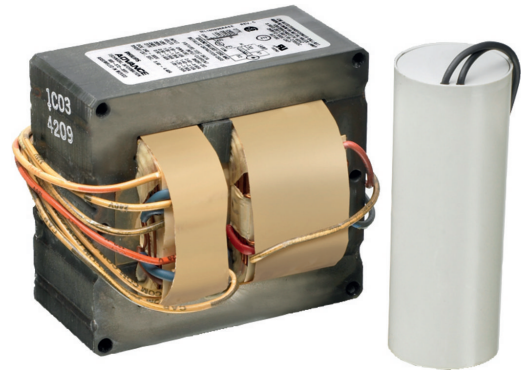




Core & Coil (71A) MH 175W – 450W

CORE & COIL HID MH BAL 175W M57 QUAD C&C

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

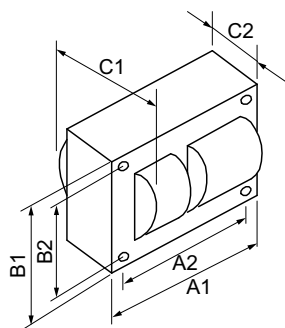
General Information			
ANSI Code	M57-M107	Input Frequency	60 Hz
Lamp Type	175/150W MH	Inp. Current (Open Circuit)	1.78/1.08/0.93/0.81 A
Number of Lamps	1 piece/unit	Input Current (Starting)	1.26/0.7/0.61/0.53 A
Circuit Type	CWA	Input Current (Short Circuit)	1.06-1.59/0.6-0.9/0.52-0.78/0.45-0.67 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	1.5-1.9 A
Base Model	71A5590	Constant Wattage Deviation	10%
Core Size	3 X 4 (2 LW)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Nominal Open Circuit Voltage	305 V
Ignitor Temperature Rating	NA	Input Current (Operating) (Nom)	1.8/1.04/0.9/0.8 A A
Capacitor Value	10 MFD	Input Power (Nom)	210 W
Capacitor Catalog Number	7C100M40R	Rated Lamp Watts	175/150 W
Capacitor Requirements	400V	Wiring	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.45 in	Wire Length by Color	12"
Capacitor Height	3.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote	Determined by AWG used
Input Voltage	120/208/240/277 V	Wiring	

Core & Coil (71A) MH 175W - 450W

Recommended Fuse Value	5/3/3/2 A
Approval and Application	
Open Circuit Voltage Test (Volts)	275-335 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/D/D/D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

Product Data	
Order product name	CORE & COIL HID MH BAL 175W M57 QUAD C&C
EAN/UPC - Product	781087097908
Order code	71A5590510D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710464202
Net Weight (Piece)	3.276 kg

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5590510D	3.95 in	2.42 in	3.9 in	3.5 in	2.8 in	2.4 in

MH BAL 175W M57 QUAD C&C

