**PHILIPS** Lighting



# Core & Coil (71A) MH ~LT~ 175W

## CORE & COIL HID MH BAL 100W M90/140 127/220V 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	M90-M140
Lamp Type	100 MH
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A53H0
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	12 MFD
Capacitor Catalog Number	7C120M30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65 in
Capacitor Height	2.75 in
Automatic Restart	No

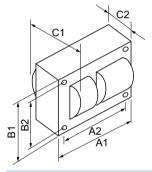
Operating and Electrical					
Input Voltage	127/220 V				
Input Frequency	60 Hz				
Inp. Current (Open Circuit)	2.2/1.3 A				
Input Current (Starting)	1.25/0.9 A				
Input Current (Short Circuit)	0.75-1.15/0.35-0.65 A				
Secondary Short Circuit Current	1.3-1.6 A				
Constant Wattage Deviation	12%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	280 V				
Input Current (Operating) (Nom)	1/0.64 A A				
Input Power (Nom)	129 W				
Rated Lamp Watts	100 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				

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Max Ballast-Lamp Distance Remote Wiring 25'					
Recommended Fuse Value	5/3 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	250-315 V				
Approbation Marks	NOM certificate RoHS Compliant CSA				
	certificate				
Temperature Marking	A/B				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029B				

Order product name EAN/UPC - Product	CORE & COIL HID MH BAL 100W M90/140 127/220V C&C 781087034743
EAN/UPC - Product	,
EAN/UPC - Product	781087034743
Order code	71A53H0500DML
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710490702
Net Weight (Piece)	2.672 kg

#### **Dimensional drawing**



MH BAL 100W M90/140 127/220V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 100W	2.9 in	1.7 in	3.9 in	3.5 in	2.8 in	2.4 in
M90/140 127/220V C&C						



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