



 PRODUCT-DETAILS

HBEM3581T

Critical Cooling 1 Hp 230 V (HBEM3581T)



General Information

Global Commercial Alias	HBEM3581T
Product ID	7BHBEM3581T
ABB Type Designation	20M 4P TEFC HOR 143T
Catalog Description	Critical Cooling 1 Hp 230 V (HBEM3581T)

Additional Information

ABB Type Designation	20M 4P TEFC HOR 143T
Ambient Temperature	40 °C
Bearing	6205, Sealed Bearing
Bearing NDE	6203
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	HBEM3581T
Certification Agency	CURUSEEV NEMA_PREMIUM WEEE
Country of Origin	United States (US)
Customs Tariff Number	84145980
Drive End Flange Type	Standard

Efficiency Level

Premium Efficiency (NEMA 12-12)

Electrical Data

Current	Freq	Power	Speed	Voltage
3.26 A	60 Hz	1 Hp	1760 r/min	230 V
1.63 A	60 Hz	1 Hp	1760 r/min	460 V

Enclosure Type	TEFC
Frame Material	Iron
Frame Size	Undefined
Frequency (f)	60 Hz
Global Commercial Alias	HBEM3581T
Gross Volume	3496.049 in ³
Gross Weight	56 lb
Insulation Class	H
Invoice Description	20M 4P TEFC HOR 143T
Made To Order	No
Maximum Speed	2700 r/min
Medium Description	Critical Cooling, 1 HP, 1800 RPM, Frame Size 143T, Standard Mounting, 3 Phase, 230/460 V, 60 Hz (HBEM3581T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	143T
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	B
Number of Phases	3
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	single_speed
Order Multiple	1 piece
Output Power	1 Hp
Power Factor	67 %
Product Name	Critical Cooling
Product Net Depth / Length	19.375 in
Product Net Height	13.123 in
Product Net Weight	56 lb
Product Net Width	13.75 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	3.26 A 1.63 A
Rated Efficiency	85.50 %
Rated Speed	1760 r/min
Replaced Product ID (OLD)	7B05H396X508G1
Selling Unit of Measure	piece
Service Factor	1.15
Shaft Diameter	0.88 in
Short Description	1 HP, 1800 RPM, Frame Size 143T, Standard, 3 PH, 230/460 V
Standards	NEMA
Starting of Motor	Direct on line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
Type of Duty	1800 r/min Continuous
Voltage Rating	230 V 460 V

Categories

Motors and Generators → NEMA Low Voltage AC Motors → HVAC Motors → Critical Cooling Motors

