



PRODUCT-DETAILS

EBM3710TY**Brake 7.5 Hp 230 V (EBM3710TY)****General Information**

Global Commercial Alias	EBM3710TY
Product ID	7BEBM3710TY
ABB Type Designation	7.5HP,1770RPM,3PH,60HZ,213T,3736M,T
Catalog Description	Brake 7.5 Hp 230 V (EBM3710TY)

Additional Information

ABB Type Designation	7.5HP,1770RPM,3PH,60HZ,213T,3736M,T
Ambient Temperature	40 °C
Bearing	6307, Ball
Bearing NDE	6306
Brake Present	Yes
Brand / Label	Baldor-Reliance
Catalog Number	EBM3710TY
Certification Agency	CSA CSA EEV UR
Country of Origin	United States (US)

Customs Tariff Number	85015220
Dimension Diagram	37LYA021
Drive End Flange Type	Standard
ETIM 7	EC001851 - Electric motor
Efficiency Level	IE3 Not Regulated / Exempt Premium Efficiency (NEMA 12-12)

Electrical Data

Current	Freq	Power	Speed	Voltage
18.8 A	60 Hz	7.5 Hp	1770 r/min	230 V
9.4 A	60 Hz	7.5 Hp	1770 r/min	460 V

Enclosure Type	TEFC
Frame Material	Steel
Frame Size	213
Frequency (f)	60 Hz
Global Commercial Alias	EBM3710TY
Gross Volume	13438.538 in ³
Gross Weight	149 lb
IDEA Granular Category Code (IGCC)	1328 >> Multi phase motor AC
Insulation Class	F
Invoice Description	7.5HP,1770RPM,3PH,60HZ,213T,3736M,TEFC,F
Made To Order	No
Medium Description	Brake, 7.5 HP, 1800 RPM, Frame Size 213T, Standard Mounting, 3 Phase, TEFC Enclosure, 230/460 V, 60 Hz (EBM3710TY)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	213T
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	A
Number of Phases	3
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	7.5 Hp
Power Factor	81 %
Product Name	Brake
Product Net Depth / Length	40.938 in
Product Net Height	18.625 in
Product Net Weight	149 lb
Product Net Width	17.625 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	18.8 A 9.4 A
Rated Efficiency	91.70 %
Rated Speed	1770 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Shaft Diameter	1.38 in
Short Description	7.5 HP, 1800 RPM, Frame Size 213T, Standard, 3 PH, TEFC, 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
UNSPSC	26101115
Voltage Rating	230 V 460 V

Categories

Motors and Generators → NEMA Low Voltage AC Motors → Definite Purpose Motors → Brake Motors

