

PRODUCT-DETAILS

# EBM3710T

## Pump Motor 7.5 Hp 230 V (EBM3710T)



### General Information

Global Commercial Alias	EBM3710T
Product ID	7BEBM3710T
ABB Type Designation	7.5HP,1770RPM,3PH,60HZ,213T,3738M,T
Catalog Description	Pump Motor 7.5 Hp 230 V (EBM3710T)

### Additional Information

ABB Type Designation	7.5HP,1770RPM,3PH,60HZ,213T,3738M,T
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6307
Bearing NDE	6306
Brake Present	Yes
Brand / Label	Baldor-Reliance
Catalog Number	EBM3710T
Certification Agency	CSA CSA EEV UR
Country of Origin	United States (US)
Customs Tariff Number	85015220
Design	A
Dimension Diagram	37LYL065
Direction of Rotation	Both sides

Drive End Flange Type	Standard
Efficiency Level	Premium Efficiency (NEMA 12-12)
Electrical Data	

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

Enclosure Type	TEFC
ETIM 7	EC001851 - Electric motor
Explosion Proof Group Class	NONE
Frame Material	Steel
Frame Size	213
Frequency (f)	60 Hz
Global Commercial Alias	EBM3710T
Gross Volume	13438.538 in <sup>3</sup>
Gross Weight	71.668 kg
Horsepower Rating UL/CSA	7.500 Hp
IC Class	TEFC
IDEA Granular Category Code (IGCC)	1328 >> Multi phase motor AC
IE Class Data (50 Hz)	IE Class NA
IE Class Data (60 Hz)	IE Class NA
IM Class	F1
Insulation Class	ICLF
Invoice Description	7.5HP,1770RPM,3PH,60HZ,213T,3738M,TEFC,F
IP Class	IP54
Lubrication	Regreasable
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 (EBM3710T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	213T
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	71.668 kg
Product Net Width	17.625 in
Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	18.8 A 9.4 A
Rated Efficiency	91.7 %
Rated Speed	1,770 r/min
Selling Unit of Measure	piece
Service Factor	1.15

Service Factor Percentage	1.15 %
Shaft Diameter	1.375 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
	1800 r/min
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101115
Voltage Code	J
Voltage Rating	230 V 460 V

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## Categories

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

Motors and Generators → NEMA Low Voltage AC Motors → Pump Motors → Submersible/Immersible Motors

Motors and Generators → NEMA Low Voltage AC Motors → Unit Handling Motors → General Purpose Unit Handling

