



PRODUCT-DETAILS

ENCP3581T-4

Severe Duty Motor 1 Hp 460 V (ENCP3581T-4)



General Information

Global Commercial Alias	ENCP3581T-4
Product ID	7BENCP3581T-4
ABB Type Designation	1HP,1775RPM,3PH,60HZ,143T,0524M,TEN
Catalog Description	Severe Duty Motor 1 Hp 460 V (ENCP3581T-4)

Additional Information

ABB Type Designation	1HP,1775RPM,3PH,60HZ,143T,0524M,TEN
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205 Ball
Bearing NDE	6203 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	ENCP3581T-4
Certification Agency	CCSA US

CSA
CSA EEV
UR

Country of Origin	United States (US)
Customs Tariff Number	85015100
Design	B
Dimension Diagram	05LYF068
Direction of Rotation	Both sides
Drive End Flange Type	Standard
Duty Time	60 Min
ETIM 7	EC001851 - Electric motor
Efficiency Level	2015 Small Motor Standard IE3 Premium Efficiency (NEMA 12-12)

Electrical Data

Current	Freq	Power	Speed	Voltage
1.5 A	60 Hz	1 Hp	1765 r/min	460 V

Enclosure Type	TENV
Explosion Proof Group Class	Class I, Group A, B, C & D
Frame Material	Iron
Frame Size	143
Frequency (f)	60 Hz
Global Commercial Alias	ENCP3581T-4
Gross Volume	3496.049 in ³
Gross Weight	56 lb
Horsepower Rating UL/CSA	1.000 Hp
IC Class	TENV
IDEA Granular Category Code (IGCC)	1325 >> General purpose motor AC
IE Class Data (50 Hz)	IE Class NA
IE Class Data (60 Hz)	IE Class NA
IM Class	F1
Insulation Class	F
Invoice Description	1HP,1775RPM,3PH,60HZ,143T,0524M,TENV,F1
Lubrication	Regreasable
Made To Order	No
Maximum Speed	2700 r/min
Medium Description	Severe Duty, 1 HP, 1800 RPM, Frame Size 143T, Standard Mounting, 3 Phase, TENV Enclosure, 460 V, 60 Hz (ENCP3581T-4)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	143T
Motor Frame Suffix	T
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	72 %

Product Name	Severe Duty
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	NEMA_PREMIUM_SEVERE_DUTY
Quote Only	No
Rated Current (I _n)	1.5 A
Rated Efficiency	87.50 %
Rated Speed	1775 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	0.88 in
Short Description	1 HP, 1800 RPM, Frame Size 143T, Standard, 3 PH, TENV, 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	T4
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101112
Voltage Code	N
Voltage Rating	460 V

Categories

Motors and Generators → NEMA Low Voltage AC Motors → Severe Duty Motors → XEX Severe Duty

