

UN12T2BC Cut Sheet



U.S. MOTORS ACCU-Torq premium efficiency AC induction motor, high-performance inverter duty, 1/2hp, 3-phase, 230/460 VAC, 1800rpm, TENV, NEMA 56C frame, rolled steel, C-face/rigid base mount.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/UN12T2BC>

Technical Specifications

Brand	U.S. MOTORS	Shaft Diameter	5/8in
Item	Motor	Shaft Material	1045 hot rolled (C-204) steel
Series	ACCU-Torq	Motor Frame	NEMA 56C
Efficiency Group	Premium efficiency	Frame Material	Rolled steel
Efficiency	84	Electrically Reversible	Yes
Voltage Type	AC	Insulation Class	Class F
Motor Type	Induction	IP Rating	IP44
Motor Application	High-performance inverter duty	Constant Torque Rating	5000:1
Horsepower Rating	1/2hp	Variable Torque Rating	5000:1
Number of Phases	3	Service Factor	1.0
Voltage Rating	230/460 VAC	Integrated Brake	No
Synchronous Speed	1800rpm	NEMA Design	Design A
Nameplate RPM	1750rpm	Junction Box Orientation	F1
Overload Type	None	Mounting	C-face/rigid base
Enclosure Type	TENV	Mounting Orientation	Horizontal
Shaft Type	Round with square key	Manufacturer Part Number	FD89

Agency Approvals

UL Listed File #	None
UL Recognized File #	E51488
UL Hazardous File #	None
CE	None
CSA File #	191252
RoHS Status	No
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/UN12T2BC.pdf>
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