

UN7T2BC-HS35A Cut Sheet



U.S. MOTORS ACCU-Torq premium efficiency AC induction motor, high-performance inverter duty, 7-1/2hp, 3-phase, 230/460 VAC, 1800rpm, TENV, NEMA 213TC frame, aluminum, C-face/rigid base mount. Avtron HS35A encoder included.

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



<https://www.automationdirect.com/pn/UN7T2BC-HS35A>

Technical Specifications

Brand	U.S. MOTORS
Item	Motor
Series	ACCU-Torq
Efficiency Group	Premium efficiency
Efficiency	92.4
Voltage Type	AC
Motor Type	Induction
Motor Application	High-performance inverter duty
Horsepower Rating	7-1/2hp
Number of Phases	3
Voltage Rating	230/460 VAC
Synchronous Speed	1800rpm
Nameplate RPM	1775rpm
Overload Type	None
Enclosure Type	TENV
Shaft Type	Round with square key
Shaft Diameter	1-3/8in
Shaft Material	1045 hot rolled (C-204) steel

Motor Frame	NEMA 213TC
Frame Material	Aluminum
Electrically Reversible	Yes
Insulation Class	Class F
IP Rating	IP44
Constant Torque Rating	5000:1
Variable Torque Rating	5000:1
Service Factor	1.0
Integrated Brake	No
NEMA Design	Design A
Junction Box Orientation	F1
Mounting	C-face/rigid base
Mounting Orientation	Horizontal
Includes	Avtron HS35A encoder
Additional Information	Optional TRDA-25CBL-VWD-xx premade encoder cable available
Manufacturer Part Number	JD59

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/UN7T2BC-HS35A.pdf>
See store item page for other formats.