

Y575 Cut Sheet



Marathon Blue MAX high efficiency AC induction motor, high-performance inverter duty, 100hp, 3-phase, 230/460 VAC, 1800rpm, TEFC, 405T frame, cast iron, rigid base mount.

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



<https://www.automationdirect.com/pn/Y575>

Technical Specifications

Brand	Marathon	Shaft Diameter	2-7/8in
Item	Motor	Shaft Material	1045 hot rolled (C-204) steel
Series	Blue MAX	Motor Frame	405T
Efficiency Group	High efficiency	Frame Material	Cast iron
Efficiency	94.5	Electrically Reversible	Yes
Voltage Type	AC	Insulation Class	Class H
Motor Type	Induction	IP Rating	IP43
Motor Application	High-performance inverter duty	Constant Torque Rating	20:1
Horsepower Rating	100hp	Variable Torque Rating	10:1
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	1785rpm	Junction Box Orientation	F1 reversible
Overload Type	None	Mounting	Rigid base
Enclosure Type	TEFC	Mounting Orientation	Horizontal
Shaft Type	Round with square key	Manufacturer Part Number	405THFS8036

Agency Approvals

UL Listed File #	None
UL Recognized File #	E49747
UL Hazardous File #	None
CE	View CE declarations
RoHS Status	No
EU REACH	View EU REACH document