

Y557 Cut Sheet



Marathon Black MAX high efficiency AC induction motor, high-performance inverter duty, 2hp, 3-phase, 575 VAC, 1800rpm, TENV, NEMA 145TC frame, cast iron, 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/Y557>

Technical Specifications

Brand	Marathon	Shaft Diameter	7/8in
Item	Motor	Shaft Material	1144 Stressproof (C-223) steel
Series	Black MAX	Motor Frame	NEMA 145TC
Efficiency Group	High efficiency	Frame Material	Cast iron
Efficiency	85.5	Electrically Reversible	Yes
Voltage Type	AC	Insulation Class	Class F
Motor Type	Induction	IP Rating	IP43
Motor Application	High-performance inverter duty	Constant Torque Rating	1000:1
Horsepower Rating	2hp	Variable Torque Rating	10:1
Number of Phases	3	Service Factor	1.0
Voltage Rating	575 VAC	Integrated Brake	No
Synchronous Speed	1800rpm	NEMA Design	Design A
Nameplate RPM	1750rpm	Junction Box Orientation	F1 reversible
Overload Type	None	Mounting	C-face/rigid base
Enclosure Type	TENV	Mounting Orientation	Horizontal
Shaft Type	Round with square key	Manufacturer Part Number	145THTN6060

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

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/Y557.pdf>
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