

Y538 Cut Sheet



Marathon Black MAX high efficiency AC induction motor, high-performance inverter duty, 1-1/2hp, 3-phase, 230/460 VAC, 1800rpm, TENV, NEMA 145TC 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/Y538>

Technical Specifications

Brand	Marathon
Item	Motor
Series	Black MAX
Efficiency Group	High efficiency
Efficiency	85.5
Voltage Type	AC
Motor Type	Induction
Motor Application	High-performance inverter duty
Horsepower Rating	1-1/2hp
Number of Phases	3
Voltage Rating	230/460 VAC
Synchronous Speed	1800rpm
Nameplate RPM	1755rpm
Overload Type	None
Enclosure Type	TENV
Shaft Type	Round with square key

Shaft Diameter	7/8in
Shaft Material	1144 Stressproof (C-223) steel
Motor Frame	NEMA 145TC
Frame Material	Rolled steel
Electrically Reversible	Yes
Insulation Class	Class F
IP Rating	IP43
Constant Torque Rating	1000:1
Variable Torque Rating	10:1
Service Factor	1.0
Integrated Brake	No
NEMA Design	Design A
Junction Box Orientation	F1
Mounting	C-face/rigid base
Mounting Orientation	Horizontal
Manufacturer Part Number	145THTR5326

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/Y538.pdf>
See store item page for other formats.