

MTF2-005-1B18 Cut Sheet



IronHorse MTF2 standard efficiency AC induction motor, general purpose and farm duty, 5hp, 1-phase, 208-230 VAC, 1800rpm, TEFC, NEMA 184T frame, rolled steel, rigid base mount.

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



<https://www.automationdirect.com/pn/MTF2-005-1B18>

Technical Specifications

Brand	IronHorse
Item	Motor
Series	MTF2
Efficiency Group	Standard efficiency
Efficiency	86.4
Voltage Type	AC
Motor Type	Induction
Motor Application	General purpose and farm duty
Horsepower Rating	5hp
Number of Phases	1
Voltage Rating	208-230 VAC
Synchronous Speed	1800rpm
Nameplate RPM	1769rpm
Overload Type	Manual
Enclosure Type	TEFC
Shaft Type	Round with square key

Shaft Diameter	1-1/8in
Shaft Material	1045 hot rolled (C-204) steel
Motor Frame	NEMA 184T
Frame Material	Rolled steel
Electrically Reversible	Yes
Insulation Class	Class F
IP Rating	IP55
Service Factor	1.15 @ 230 VAC, 1.0 @ 208 VAC
Integrated Brake	No
NEMA Design	Design L
Junction Box Orientation	F1
Mounting	Rigid base
Mounting Orientation	Horizontal or vertical
Additional Information	Pre-drilled for optional MTADP-CDR-180 current diverter ring (sold separately)

Agency Approvals

UL Listed File #	None
UL Recognized File #	E309286
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/MTF2-005-1B18.pdf>
See store item page for other formats.