

MTF2-7P5-1B18-215 Cut Sheet



IronHorse MTF2 standard efficiency AC induction motor, general purpose and farm duty, 7-1/2hp, 1-phase, 208-230 VAC, 1800rpm, TEFC, NEMA 215T 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/MTF2-7P5-1B18-215>

Technical Specifications

Brand	IronHorse
Item	Motor
Series	MTF2
Efficiency Group	Standard efficiency
Efficiency	86.6
Voltage Type	AC
Motor Type	Induction
Motor Application	General purpose and farm duty
Horsepower Rating	7-1/2hp
Number of Phases	1
Voltage Rating	208-230 VAC
Synchronous Speed	1800rpm
Nameplate RPM	1767rpm
Overload Type	Manual
Enclosure Type	TEFC
Shaft Type	Round with square key

Shaft Diameter	1-3/8in
Shaft Material	1045 hot rolled (C-204) steel
Motor Frame	NEMA 215T
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-210 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/MTF2-7P5-1B18-215.pdf>
See store item page for other formats.