

MTR2-P50-1AB36 Cut Sheet



IronHorse MTR standard efficiency AC induction motor, general purpose, 1/2hp, 1-phase, 115/230 VAC, 3600rpm, TEFC, NEMA 56C frame, rolled steel, C-face/removable rigid base mount.

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



<https://www.automationdirect.com/pn/MTR2-P50-1AB36>

Technical Specifications

Brand	IronHorse
Item	Motor
Series	MTR
Efficiency Group	Standard efficiency
Efficiency	63
Voltage Type	AC
Motor Type	Induction
Motor Application	General purpose
Horsepower Rating	1/2hp
Number of Phases	1
Voltage Rating	115/230 VAC
Synchronous Speed	3600rpm
Nameplate RPM	3450rpm
Overload Type	None
Enclosure Type	TEFC

Shaft Type	Round with square key
Shaft Diameter	5/8in
Shaft Material	1045 hot rolled (C-204) steel
Motor Frame	NEMA 56C
Frame Material	Rolled steel
Electrically Reversible	Yes
Insulation Class	Class F
IP Rating	IP43
Service Factor	1.15
Integrated Brake	No
NEMA Design	Design N
Junction Box Orientation	F1
Mounting	C-face/removable rigid base
Mounting Orientation	Horizontal or vertical

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	256950
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/MTR2-P50-1AB36.pdf>
See store item page for other formats.