

MTDP-7P5-3BD36 Cut Sheet



IronHorse MTDP high efficiency AC induction motor, general purpose and inverter rated, 7-1/2hp, 3-phase, 208-230/460 VAC, 3600rpm, ODP, 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/MTDP-7P5-3BD36>

Technical Specifications

Brand	IronHorse
Item	Motor
Series	MTDP
Efficiency Group	High efficiency
Efficiency	88.5
Voltage Type	AC
Motor Type	Induction
Motor Application	General purpose and inverter rated
Horsepower Rating	7-1/2hp
Number of Phases	3
Voltage Rating	208-230/460 VAC
Synchronous Speed	3600rpm
Nameplate RPM	3502rpm
Overload Type	None
Enclosure Type	ODP
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	IP23
Constant Torque Rating	10:1
Variable Torque Rating	20:1
Service Factor	1.15 (sine), 1.0 (drive)
Integrated Brake	No
NEMA Design	Design B
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/MTDP-7P5-3BD36.pdf>
See store item page for other formats.