

Y542-A772 Cut Sheet



Marathon Black MAX standard efficiency AC induction motor, high-performance inverter duty, 3hp, 3-phase, 230/460 VAC, 1200rpm, TENV, NEMA 213TC frame, cast aluminum, C-face/rigid base mount. Dynapar HS35 encoder included.

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



<https://www.automationdirect.com/pn/Y542-A772>

Technical Specifications

Brand	Marathon	Shaft Material	1045 hot rolled (C-204) steel
Item	Motor	Motor Frame	NEMA 213TC
Series	Black MAX	Frame Material	Cast aluminum
Efficiency Group	Standard efficiency	Electrically Reversible	Yes
Efficiency	82.5	Insulation Class	Class F
Voltage Type	AC	IP Rating	IP43
Motor Type	Induction	Constant Torque Rating	1000:1
Motor Application	High-performance inverter duty	Variable Torque Rating	10:1
Horsepower Rating	3hp	Service Factor	1.0
Number of Phases	3	Integrated Brake	No
Voltage Rating	230/460 VAC	NEMA Design	Design A
Synchronous Speed	1200rpm	Junction Box Orientation	F1 reversible
Nameplate RPM	1158rpm	Mounting	C-face/rigid base
Overload Type	None	Mounting Orientation	Horizontal
Enclosure Type	TENV	Includes	Dynapar HS35 encoder
Shaft Type	Round with square key	Additional Information	Optional TRDA-25CBL-VWD-xx premade encoder cable available
Shaft Diameter	1-3/8in		

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/2d/Y542-A772.pdf>
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