

Y559A-A772 Cut Sheet



Marathon Black MAX premium efficiency AC induction motor, high-performance inverter duty, 5hp, 3-phase, 575 VAC, 1800rpm, TENV, NEMA 184TC frame, 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/Y559A-A772>

Technical Specifications

Brand	Marathon	Shaft Diameter	1-1/8in
Item	Motor	Shaft Material	1144 Stressproof (C-223) steel
Series	Black MAX	Motor Frame	NEMA 184TC
Efficiency Group	Premium efficiency	Frame Material	Aluminum
Efficiency	89.5	Electrically Reversible	Yes
Voltage Type	AC	Insulation Class	Class F
Motor Type	Induction	IP Rating	IP43
Motor Application	High-performance inverter duty	Constant Torque Rating	1000:1
Horsepower Rating	5hp	Variable Torque Rating	10:1
Number of Phases	3	Service Factor	1.0
Voltage Rating	575 VAC	Integrated Brake	No
Synchronous Speed	1800rpm	Junction Box Orientation	F1 reversible
Nameplate RPM	1760rpm	Mounting	C-face/rigid base
Overload Type	None	Mounting Orientation	Horizontal
Enclosure Type	TENV	Includes	Dynapar HS35 encoder
Shaft Type	Round with square key		

Agency Approvals

UL Listed File #	E49747
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	002025_0_000
RoHS Status	No
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/Y559A-A772.pdf>
See store item page for other formats.