

Y285 Cut Sheet



Marathon MAX Plus high efficiency AC induction motor, high-performance inverter duty, 2hp, 3-phase, 230/460 VAC, 1800rpm, TENV, NEMA 145C frame, cast iron, C-face/removable rigid base mount. Dynapar HS20 encoder included.

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



<https://www.automationdirect.com/pn/Y285>

Technical Specifications

Brand	Marathon	Shaft Material	1144 Stressproof (C-223) steel
Item	Motor	Motor Frame	NEMA 145C
Series	MAX Plus	Frame Material	Cast iron
Efficiency Group	High efficiency	Electrically Reversible	Yes
Efficiency	85.5	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	2hp	Service Factor	1.0
Number of Phases	3	Integrated Brake	No
Voltage Rating	230/460 VAC	NEMA Design	Design B
Synchronous Speed	1800rpm	Junction Box Orientation	F1 reversible
Nameplate RPM	1750rpm	Mounting	C-face/removable rigid base
Overload Type	None	Mounting Orientation	Horizontal
Enclosure Type	TENV	Includes	Dynapar HS20 encoder
Shaft Type	Round with square key	Manufacturer Part Number	145THTN17034
Shaft Diameter	7/8in		

Agency Approvals

UL Listed File #	None
UL Recognized File #	E49747
UL Hazardous File #	None
CE	View CE declarations
CSA File #	LR37479
RoHS Status	No
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/Y285.pdf>
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