

Y281 Cut Sheet



Marathon MAX Plus premium efficiency AC induction motor, high-performance inverter duty, 3/4hp, 3-phase, 230/460 VAC, 1800rpm, TENV, NEMA 56C frame, rolled steel, 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/Y281>

Technical Specifications

Brand	Marathon
Item	Motor
Series	MAX Plus
Efficiency Group	Premium efficiency
Efficiency	82.5
Voltage Type	AC
Motor Type	Induction
Motor Application	High-performance inverter duty
Horsepower Rating	3/4hp
Number of Phases	3
Voltage Rating	230/460 VAC
Synchronous Speed	1800rpm
Nameplate RPM	1725rpm
Overload Type	None
Enclosure Type	TENV
Shaft Type	Round with square key
Shaft Diameter	5/8in

Shaft Material	1144 Stressproof (C-223) steel
Motor Frame	NEMA 56C
Frame Material	Rolled steel
Electrically Reversible	Yes
Insulation Class	Class F
IP Rating	IP43
Constant Torque Rating	1000:1
Variable Torque Rating	10:1
Service Factor	1.0
Integrated Brake	No
NEMA Design	Design A
Junction Box Orientation	F1
Mounting	C-face/removable rigid base
Mounting Orientation	Horizontal
Includes	Dynapar HS20 encoder
Manufacturer Part Number	056H17T15528

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/Y281.pdf>
See store item page for other formats.