

GT1046A Cut Sheet



Marathon Globetrotter premium efficiency AC induction motor, general purpose, inverter rated and severe duty, 100hp, 3-phase, 230/460 VAC, 1800rpm, TEFC, 405T frame, cast iron, rigid base mount.

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



<https://www.automationdirect.com/pn/GT1046A>

Technical Specifications

Brand	Marathon
Item	Motor
Series	Globetrotter
Efficiency Group	Premium efficiency
Efficiency	95.4
Voltage Type	AC
Motor Type	Induction
Motor Application	General purpose, inverter rated and severe duty
Horsepower Rating	100hp
Number of Phases	3
Voltage Rating	230/460 VAC
Synchronous Speed	1800rpm
Nameplate RPM	1785rpm
Overload Type	None
Enclosure Type	TEFC
Shaft Type	Round with square key
Shaft Diameter	2-7/8in

Shaft Material	1045 hot rolled (C-204) steel
Motor Frame	405T
Frame Material	Cast iron
Electrically Reversible	Yes
Insulation Class	Class F
IP Rating	IP55
Constant Torque Rating	2:1
Variable Torque Rating	10:1
Service Factor	1.15 (sine), 1.0 (drive)
Integrated Brake	No
NEMA Design	Design B
Junction Box Orientation	F1 reversible
Mounting	Rigid base
Mounting Orientation	Horizontal
Additional Information	Class I Div 2 hazardous rating
Manufacturer Part Number	405TTFC6036

Agency Approvals

UL Listed File #	None
UL Recognized File #	NONE
UL Hazardous File #	None
CE	View CE declarations
CSA File #	LR2025
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/GT1046A.pdf>
See store item page for other formats.