

Y517-A775 Cut Sheet



Marathon Blue MAX high efficiency AC induction motor, high-performance inverter duty, 100hp, 3-phase, 230/460 VAC, 1800rpm, TEBC, 405TC frame, cast iron, C-face/rigid base mount. Dynapar HSD38 encoder included.

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



<https://www.automationdirect.com/pn/Y517-A775>

Technical Specifications

Brand	Marathon	Shaft Diameter	2-7/8in
Item	Motor	Shaft Material	1045 hot rolled (C-204) steel
Series	Blue MAX	Motor Frame	405TC
Efficiency Group	High efficiency	Frame Material	Cast iron
Efficiency	94.5	Electrically Reversible	Yes
Voltage Type	AC	Insulation Class	Class H
Motor Type	Induction	IP Rating	IP43
Motor Application	High-performance inverter duty	Constant Torque Rating	2000:1
Horsepower Rating	100hp	Variable Torque Rating	10:1
Number of Phases	3	Service Factor	1.0
Voltage Rating	230/460 VAC	Integrated Brake	No
Synchronous Speed	1800rpm	NEMA Design	Design A
Nameplate RPM	1785rpm	Junction Box Orientation	F1 reversible
Overload Type	None	Mounting	C-face/rigid base
Enclosure Type	TEBC	Mounting Orientation	Horizontal
Shaft Type	Round with square key	Includes	Dynapar HSD38 encoder

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