

ECR9758TR-4

75HP, 900RPM, 3PH, 60HZ, 444T, TEFC, F1



Product Information Packet PDF

Ship Weight	2,027.000 LB
UPC	781568794548

Specs

Catalog Number	ECR9758TR-4	Insulation Class	F
Enclosure	TEFC	Inverter Code	Inverter Ready
Frame	444T	KVA Code	H
Frame Material	Iron	Lifting Lugs	No Lifting Lugs
Frequency	60.00 Hz	Max Speed	3000 rpm
Motor Letter Type	Three Phase	Motor Lead Quantity/Wire Size	3 @ 1 AWG
Output @ Frequency	75.000 HP @ 60 HZ	Motor Type	A44076M
Phase	3	Mounting Arrangement	F1
Synchronous Speed @ Frequency	900 RPM @ 60 HZ	Number of Poles	8
Voltage @ Frequency	460.0 V @ 60 HZ	Overall Length	44.87 IN
Haz Area Class and Group	None	Power Factor	76
Haz Area Division	Not Applicable	Product Family	Crusher / Chipper
Agency Approvals	CCSAUSEEV	Pulley End Bearing Type	Roller
Ambient Temperature	40 °C	Pulley Face Code	Standard
Auxillary Box	No Auxillary Box	Service Factor	1.25
Base Indicator	Rigid	Shaft Diameter	3.375 IN
Bearing Grease Type	Mobil SHC 220 (Athens Only)	Shaft Ground Indicator	No Shaft Grounding
Constant Torque Speed Range	6-60	Shaft Rotation	Reversible
Current @ Voltage	98.800 A @ 460.0 V	Shaft Slinger Indicator	Shaft Slinger
Design Code	A	Speed	890 rpm
Drip Cover	No Drip Cover	Speed Code	Single Speed
		Motor Standards	NEMA
		Starting Method	Direct on line

Duty Rating	CONT	Thermal Device - Bearing	None
Efficiency @ 100% Load	93.6 %	Thermal Device - Winding	None
Feedback Device	NO FEEDBACK		
High Voltage Full Load Amps	98.8 a		
Heater Indicator	No Heater		

Drawings

[Dimension Sheet](#)

[Connection Diagram](#)

[Literature](#)

CAD File

2D CAD 3D CAD

>> Select 2D Format

Nameplate

CAT NO	ECR9758TR-4			SPEC NO.	P44G1824				
HP	75	AMPS	98.8		VOLTS	460		DESIGN	A
RPM	890	RPM MAX	3000		HZ	60		AMB	40
D.E. BRG.DATA	NU222		O.D.E. BRG.DATA			6318		PH	3
FRAME	444T	I.P.	55	TYPE	P	ENCL	TEFC	CODE	H
POWER FACTOR	76		3/4 LOAD EFF.			93.8		NEMA NOM EFFICIENCY	
CHP HZ	60-90	CT HZ	6-60		VT HZ	6-60			
SER.NO.				MOTOR WEIGHT					
1.25SF AMPS= 102									

000613007PV

MOBIL SHC -220 GREASE

NP2496L

Performance

Parts

Part Number	Description	Quantity
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
702618004T	FAN KB 182/70 (112) 440	1.000 EA
412118006A	DRAIN	2.000 EA