

# Three Phase Induction Motor - Squirrel Cage



Product code : 14428270  
Catalog # : 35018OP3GFP447/9TSW4

Output	25%		50%		75%		100%		Foundation loads	
Efficiency (%)	95.5	95.2	95.4	95.0	95.8	95.4	95.5	95.0	Max. traction	: 7458 lb
	95.2	95.2	95.0	95.0	95.4	95.4	95.0	95.0		
Power Factor	0.56	0.59	0.79	0.83	0.85	0.85	0.87	0.86	Max. compression	: 9569 lb
	0.55	0.51	0.79	0.76	0.84	0.85	0.86	0.87		

	<u>Drive end</u>	<u>Non drive end</u>
Bearing type	6314 C3	6314 C3
Sealing	Without Bearing Seal	Without Bearing Seal
Lubrication interval	20000 h	20000 h
Lubricant amount	27 g	27 g
Lubricant type	Mobil Polyrex EM	

Notes:

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.
- (4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

Rev.	Changes Summary		Performed	Checked	Date
Performed by				Page 1 / 2	Revision
Checked by					
Date	26/03/2024				

Customer :

Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	155 °C

Rev.	Changes Summary		Performed	Checked	Date
Performed by				Page	Revision
Checked by				2 / 2	
Date	26/03/2024				