



OMEC NORTH AMERICA INC

UL LISTED FIREPUMP MOTORS - MULTI VOLTAGE : MULTI FREQUENCY

PRODUCT FEATURES

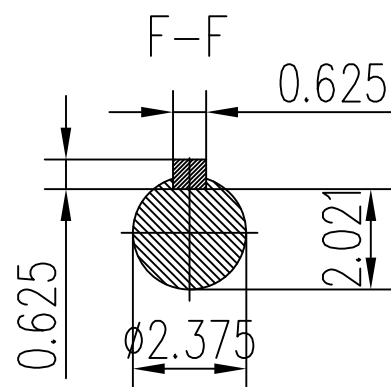
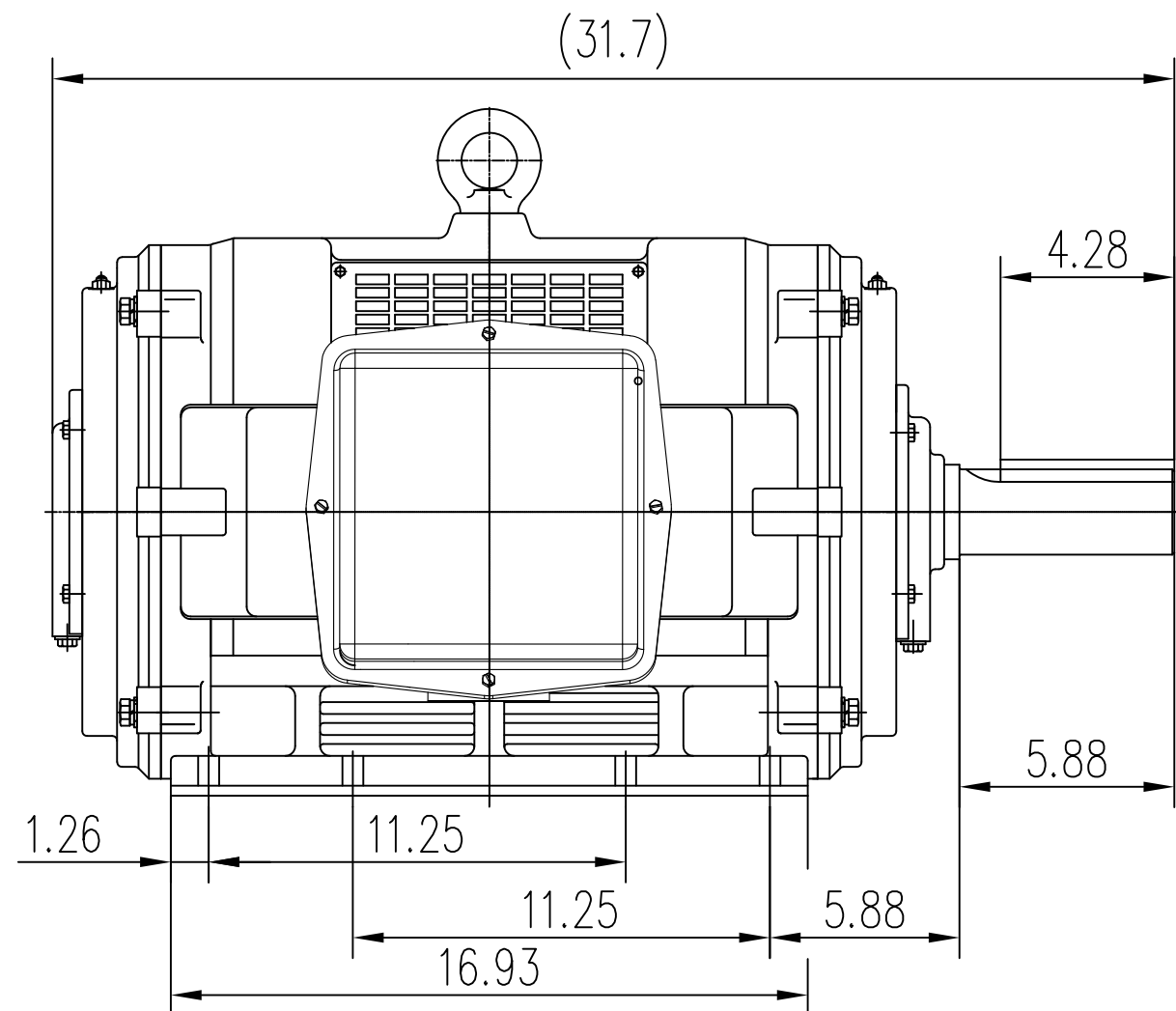
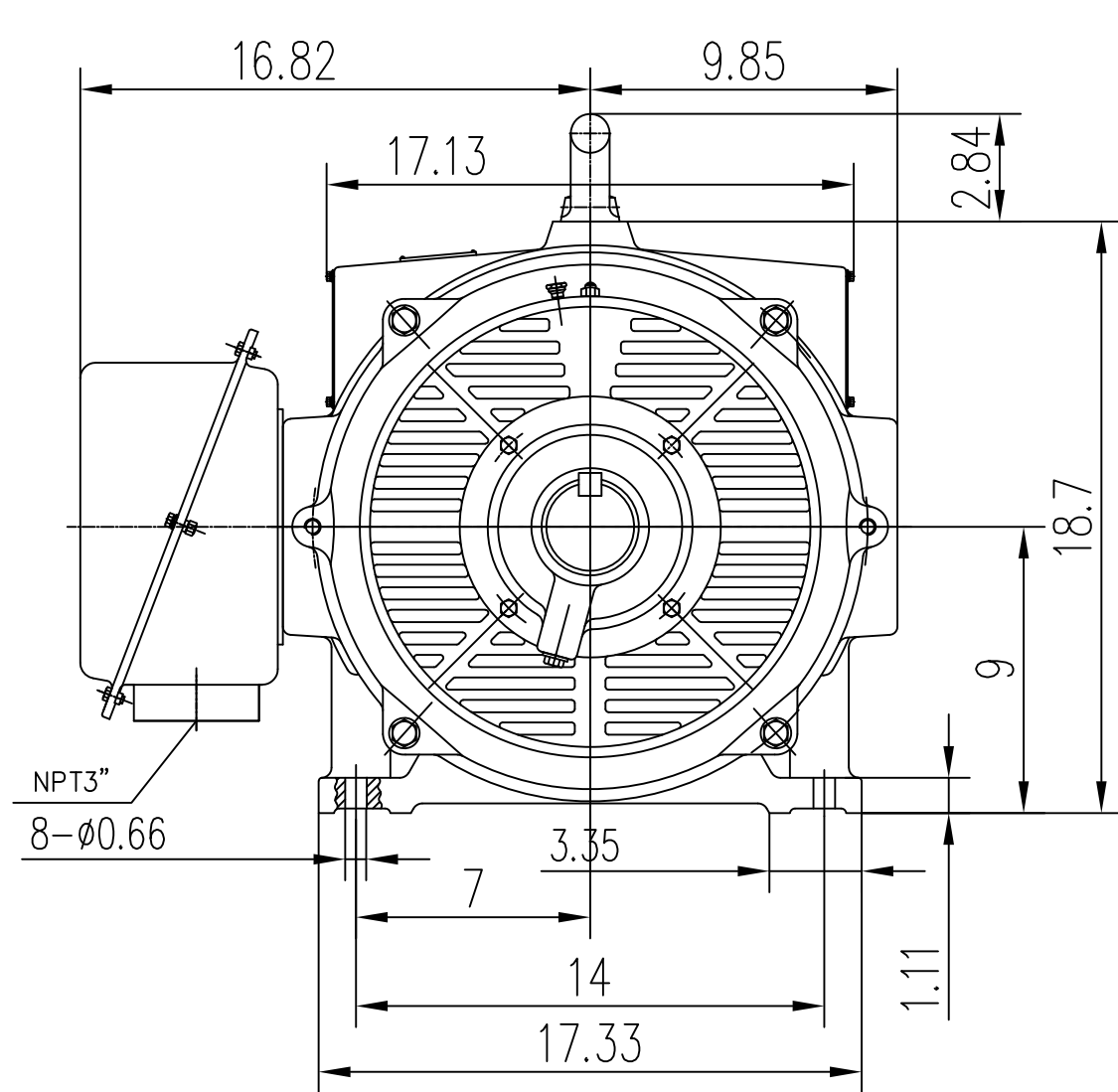
Model Number	ODP 364TS or T-4 60HP		
Standard	NEMA MG-1	Output	60HP / 45KW
Hazardous Classification	None (Safe Area)	No of Poles	4P
Efficiency Class	NEMA HIGH (IE2) EPACT	Frame Size	364TS or T
Number of Phases	3 Phase- Induction	Type	HORIZONTAL
Material of Construction	Cast Iron	Enclosure Type / Cooling	ODP / IC01
Insulation Class	Class F	Degree of Protection	IP23
Temperature Rise Class	80K (B class)	Duty Cycle	S1- Continuous Duty
Ambient Temperature	-15°C ~ 55°C	Service Factor	SF 1.15
Starting Method	DOL / Y-D Start	Operating Altitude	1000 masl & <95% RH

TECHNICAL DETAILS

Winding Connection	Δ (Delta)						
KVA Code	CODE G						
Nema Design	DES B						
Frequency	50Hz			60Hz			
Rated Speed	1480 Rpm			1785 Rpm			
Voltage	380	400	415	380	400	440	460
Full Load Current [IN]	85.50 A	82.20 A	80.20 A	85.50 A	81.20 A	75.60 A	72.30 A
Locked Rotor Current [IL / IN]	6.5	7.0	7.5	5.5	6.0	7.1	7.5
I max [Less than or Equal]	555.75 A	575.40 A	601.50 A	470.25 A	487.20 A	536.76 A	542.25 A
Starting Torque [Tst]	140%	140%	140%	140%	140%	140%	140%
Breakdown Torque [Tmax]	200%	200%	200%	200%	200%	200%	200%
Efficiency	100% load	93.6%	93.6%	93.6%	93.6%	93.6%	93.6%
Power Factor (cos φ)	100% load	0.84	0.84	0.84	0.85	0.85	0.85

OTHER DETAILS

Bearing Configuration (DE / NDE)	Ball Bearing /Ball Bearing		
Bearing Lubrication Type	DE:	Grease	NDE: Grease
Bearing Series Type	DE:	6314C3	NDE: 6313C3
Terminal Box Position	Side	Direction of Rotation	CW from DE
Final Colour	RAL 3002- RED	Paint Specification	2 Pack Epoxy
Bracket Material	Cast Iron	Mounting Option	F1



NEMA ODP MOTORS

OMEC NORTH AMERICA INC.

DRAWING TITLE:

DESCRIPTION:

OUTLINE DRAWING

Motor Frame: 364T-4-8

Sheet
No.

Dim.

Size

Scale

1 OF 1

mm

A3

1:5.5



A.J.B.

15.Jan.2025

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Drawn By

Date

Approved By

Rev.