



OMEC NORTH AMERICA INC

UL LISTED FIREPUMP MOTORS - MULTI VOLTAGE : MULTI FREQUENCY

PRODUCT FEATURES

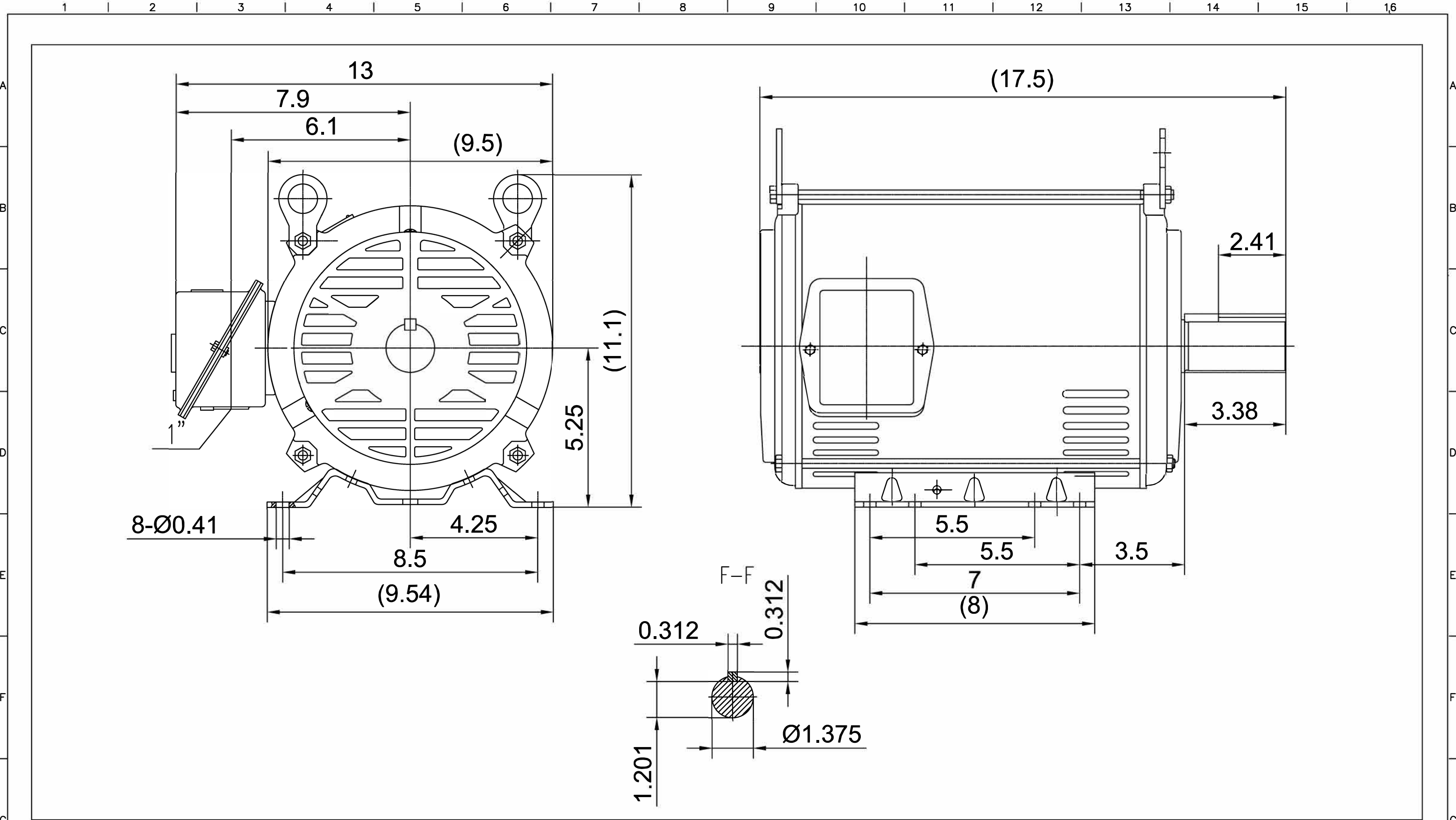
Model Number	ODP 215T -2 15HP		
Standard	NEMA MG-1	Output	15HP / 11KW
Hazardous Classification	None (Safe Area)	No of Poles	2P
Efficiency Class	NEMA HIGH (IE2) EPACT	Frame Size	215T
Number of Phases	3 Phase- Induction	Type	HORIZONTAL
Material of Construction	Steel Plate	Enclosure Type / Cooling	ODP / 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	Operating Altitude	1000 masl & <95% RH

TECHNICAL DETAILS

Winding Connection	Y (Star)						
KVA Code	CODE G						
Nema Design	DES B						
Frequency	50Hz			60Hz			
Rated Speed	2930 Rpm			3525 Rpm			
Voltage	380	400	415	380	400	440	460
Full Load Current [IN]	21.60 A	20.70 A	20.20 A	21.30 A	20.30 A	18.60 A	17.80 A
Locked Rotor Current [IL / IN]	6.0	6.5	7.0	5.0	5.5	6.6	7.0
I max [Less than or Equal]	129.60 A	134.55 A	141.40 A	106.50 A	111.65 A	122.76 A	124.60 A
Starting Torque [Tst]	130%	130%	130%	130%	130%	130%	130%
Breakdown Torque [Tmax]	200%	200%	200%	200%	200%	200%	200%
Efficiency	100% load	89.5%	89.5%	89.5%	89.5%	89.5%	89.5%
Power Factor (cos φ)	100% load	0.87	0.87	0.87	0.89	0.89	0.89

OTHER DETAILS

Bearing Configuration (DE / NDE)	Ball Bearing /Ball Bearing		
Bearing Lubrication Type	DE:	Grease	NDE: Grease
Bearing Series Type	DE:	6307 2ZC3	NDE: 6206 2ZC3
Terminal Box Position	Side	Direction of Rotation	CW from DE
Final Colour	RAL 3002- RED	Paint Specification	2 Pack Epoxy
Bracket Material	Cast Aluminium	Mounting Option	F1



				NEMA ODP MOTORS	DRAWING TITLE:				DESCRIPTION:
					OUTLINE DRAWING				Motor Frame: 213/215T
					OMEC NORTH AMERICA INC.	Sheet No.	Dim.	Size	Scale
A.J.B.	15.Jan.2025	-----	00	1 OF 1		mm	A3	1:5.5	
Drawn By	Date	Approved By	Rev.						