



## 60HZ TECHNICAL DATA SHEET

CATALOG No: **HO6N7.5-4C**

ISSUED: 20-Mar-24

**GENERAL INFORMATION**

HP	KW	Pole	RPM	Frame	Voltage	Hz	Phase	IP Rating
7.5	-	6	1200	254TC	230/460 V	60	3	IP23

Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
ODP	F	1.15	Continuous	B	-15 to 40 C°	<3300 ft

**TYPICAL PERFORMANCE**

Efficiency (%)			Power Factor (%)	
Full Load	3/4 Load	1/2 Load	Full Load	
92.4	91.7	90.2	68.10	

Full Load Amps 460 V	Full Load RPM
11.2	1185

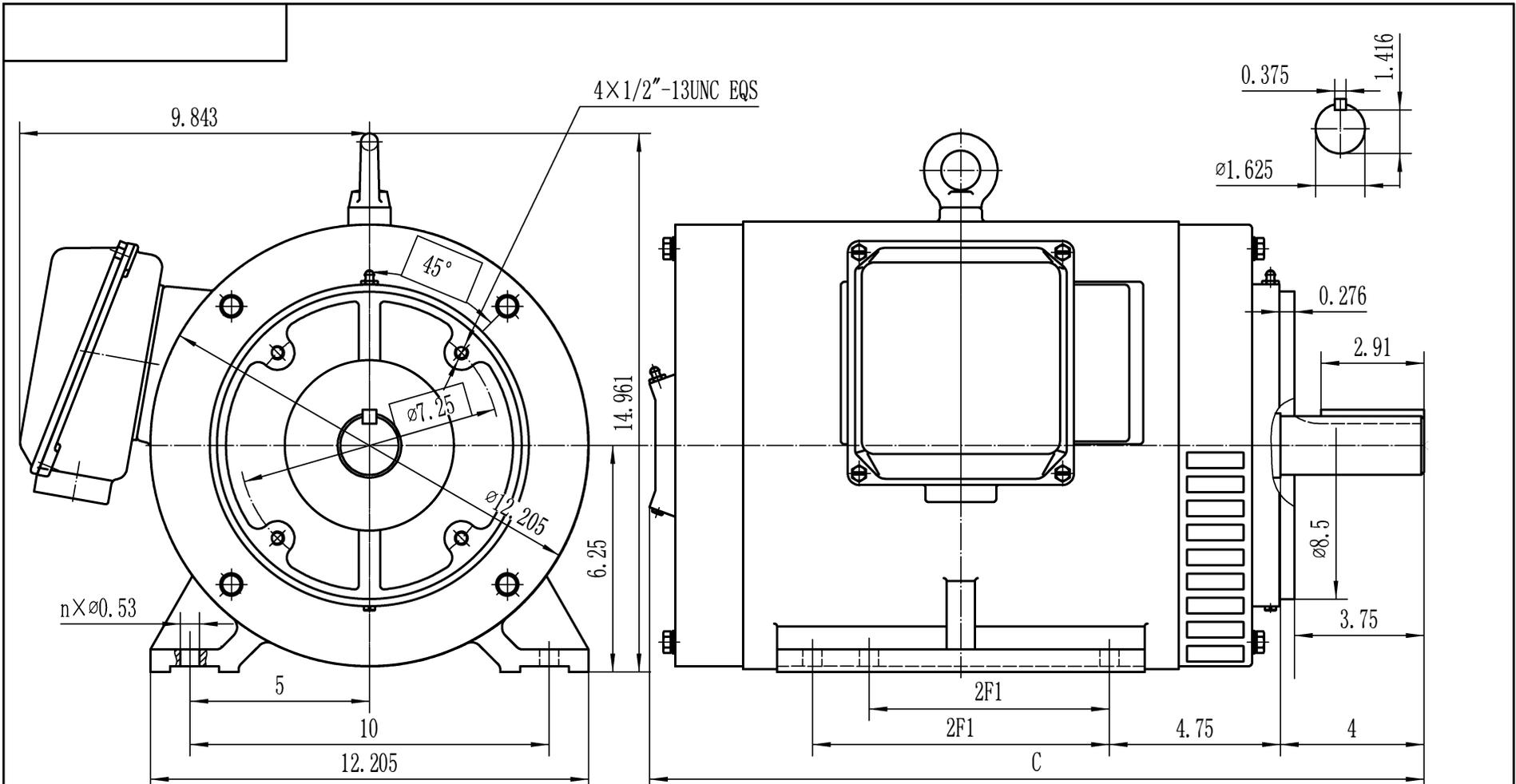
NEMA KVA Code	Bearing Size	
	Drive End	Non-Drive End
G	6309.00	6208.00

\*Weights shown are estimated and based on standard foot mounted motor designs

**VFD DUTY INFORMATION**

	Variable Torque		Rating
-	6 - 60 Hz		Open Drip Proof
-	-	-	

Notes:

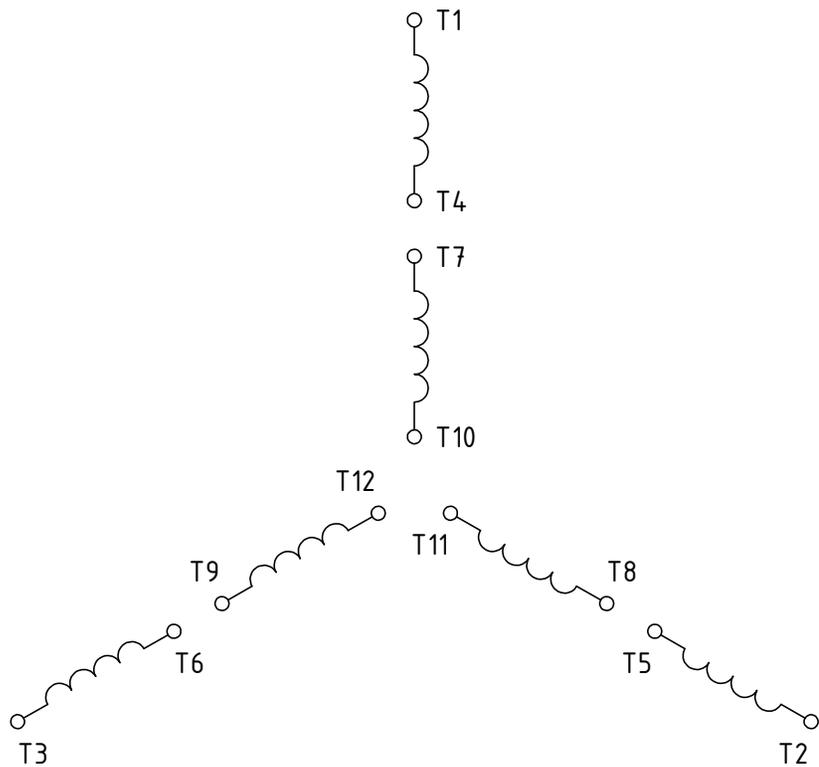


	2F	2F1	C	n
N254TC;ODP	8.25		21.457	4
N256TC;ODP	10	8.25	23.031	6

MARK	NUMBER	DOCUMENTARY NUMBER	SIGN	DATE
DESIGN			TECHNICS	
DRAWN			STANDARD- IZATION	
COLLATE			APPROVE	
AUDITING			DATE	

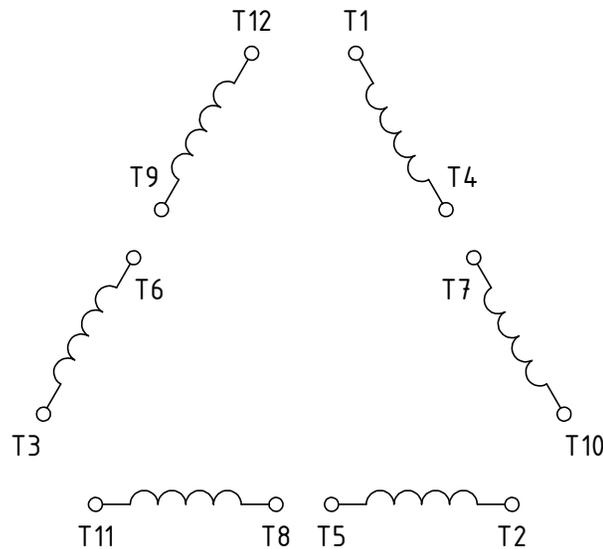
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DRAWING MARK	NUMBER	WEIGHT	PROPORTION
			1:4
TOTAL PAGE		NO.	
N250TC;ODP			



STAR/WYE START – DELTA RUN

VOLTAGE		L1	L2	L3	JOIN
LOW	START	T1,T7	T2,T8	T3,T9	T4&T5&T6 T10&T11&T12
	RUN	T1,T6, T7,T12	T2,T4, T8,T10	T3,T5, T9,T11	
HIGH	START	T1	T2	T3	T4&T7; T5&T8; T6&T9; T10&T11&T12
	RUN	T1,T12	T2,T10	T3,T11	T4&T7; T5&T8; T6&T9



DIRECT ON LINE

VOLTAGE	L1	L2	L3	JOIN
LOW	T1,T6, T7,T12	T2,T4, T8,T10	T3,T5, T9,T11	
HIGH	T1,T12	T2,T10	T3,T11	T4&T7; T5&T8; T6&T9

Description  
 CONNECTION DIAGRAM, NEMA MARKINGS  
 DUAL VOLTAGE, SERIES-PARALLEL DELTA

Drawing No.  
 12L-33582-N