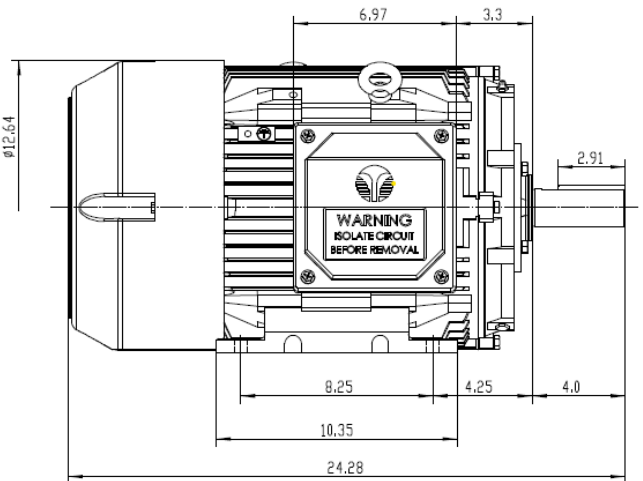
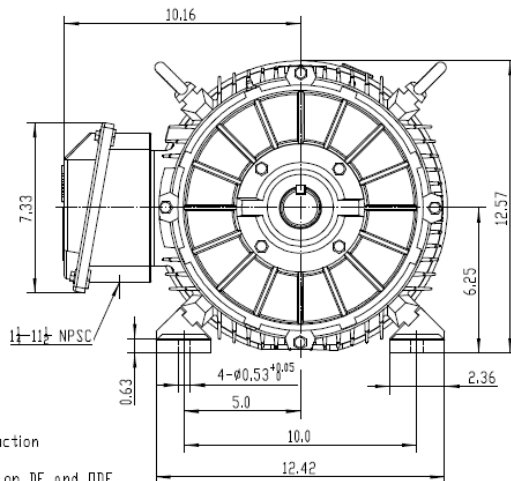




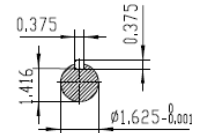
NOTES:

1. All Cast Iron Construction
2. Design B
3. IP55 Labyrinth seals on DE and ODE
4. H Class Insulation System
5. Max Winding Temperature rise 80°C
6. Max bearing temperature rise 45°C for 4 pole and 50°C for 2 pole motors when direct coupled.
7. Regreaseable bearings
8. External Grounding provisions
9. Maximum foot flatness deviation .127 mm
10. Conductive Polymer Cooling Fan
11. Diagonally Split Conduit Box rotatable in 90° Increments
12. Lead seals in conduit box
13. Maximum no load sound power 85 dBA(2 pole),
Maximum no load sound power 70 dBA(4 pole),
Maximum no load sound power 64 dBA(6 pole).
14. No Load Motor Vibration not to exceed
a. Radial 60HZ - 2.03mm/s (2,4 pole) and 1.52mm/s (6 pole)
b. Axial 60HZ - 1.52mm/s
15. 300 series Stainless Steel hardware
16. Epoxy Coating meeting ASTM B117-97 for 96 h
17. All Internal surfaces coated with anti-corrosion coating.
18. Internal Shaft Grounding brush installed on drive end.
19. No Load test report Included with motor

TECHTOP IEEE 841 SEVERE DUTY ELECTRIC MOTOR			
MODEL SD3-254T-6-BR-E-7.5		MFG PN	T254T7.5U6B
NEMA 254T		SER #	1603102022
HP	7.5	DATE	0688002
RPM	1175	DESIGN	B
VOLT(3Ø)	460	FRAME	254T
FLA	10.3	ENCL	TEFC
SF	1.25	IP	55
KVA CODE	H	DUTY	Cont.
NOM EFF	0.910	INS CL	H
ARC ARRESTOR		AMB	40 °C
VFD 15:1 CT-1.0 SF		WEIGHT	283.9 lbs
		MADE IN	CHINA

CONNECTIONS

T1 T2 T3



ShangHai HIMAK Electrical Machinery CO., LTD

Design	Standard
Checker	Allow
Auditing	Date

NEMA TEFC 254T-7.5HP-6P
IEEE-841 UNITS:INCH

NO: CY255.A20.003

STEP MARK	1:4	SORT	Cast iron Motor
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