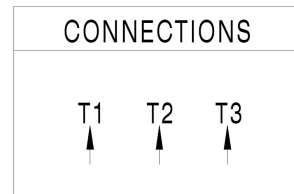


NOTES:

1. All Cast Iron Construction
2. Design B
3. IP55 Labyrinth seals on DE and DDE
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. Regreasable 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	SD3-143T-4-BR-E-1	TECHTOP.COM			
NEMA Premium	60 Hz	50 Hz	MFG PN	T 143T1U4B	
HP	1	1	SER #	1603102003	
RPM	1740	1410	DATE	0688002	
VOLT(3Ø)	460	380	DESIGN	B	
FLA	1.5	1.7	FRAME	143T	
SF	1.25	1	ENCL	TEFC	
KVA CODE	K	H	IP	55	
NOM.EFF	0.855		DUTY	Cont.	
			INS CL	H	
			AMB	40 °C	
			WEIGHT	50.3 lbs	
				Energy Verified 224693	
				MADE IN CHINA	
				VFD 15:1 CT-1.0 SF	



TECHTOP			NEMA TEFC 143T-1HP-4P IEEE-841 UNITS:INCH		
ShangHai HIMAK Electrical Machinery CO.,. LTD					
Design	yang	Standard	NO:	CY252.A20.003	
Checker	2019.05.23	Allow	STEP MARK	1:3	SORT Cast iron Motor
Auditing		Date			