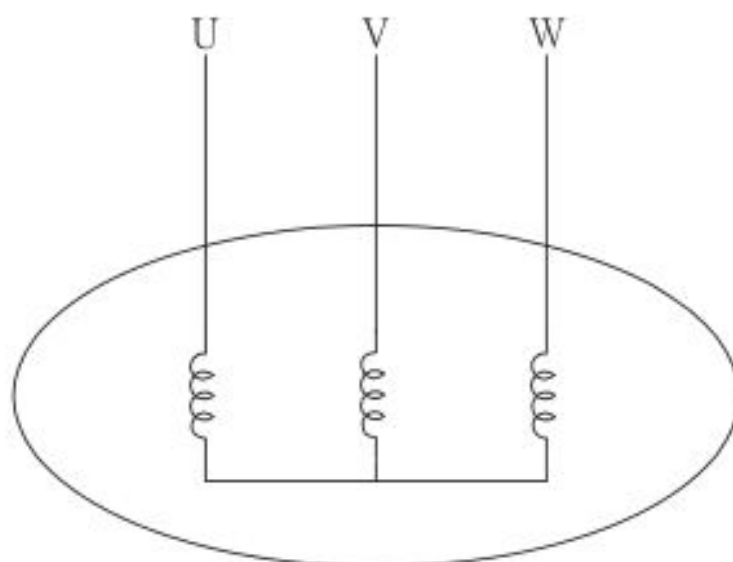


Item	Terms	Description				
1	Model					
2	Code or Standard	Dimensions	Frame Assignment	Performance	Test	
		IEC		IEC	IEC	
3	Rating	700kW/938HP      2   Pole 10000 Volt 3 Phase   50   Hz				
4	Service Duty	Continuous Rating , Service Factor 1.15				
5	Starting Method	D.O.L(Direct On Line)				
6	Rotation	Facing The Drive End : CW(ClockWise)				
7	Drive Method	Direct Coupling				
8	Environment	Amb. Temp. : -20 ~ 40 °C				
		Humidity : Less Than 90 %RH				
		Altitude : Up to 1000 M				
9	Enclosure & Protection	- Indoor				
10	Cooling	IC01 : Self Ventilated Interior Cooling				
11	Mounting	IM1001 : HS, Foot				
12	Dimensions	Dr# 3W040V173(REV:01)		Frame No : 400D		
13	Frame & Bracket	Frame : Steel Plate		Bracket : Steel Plate		
14	Fan & Fan Cover	Fan :		Fan Cover :		
15	Terminal Box	Steel Plate				
16	Lead Terminals	(TLK35-10)X3				
17	Lubricant	Mobil Polyrex EM Grease				
18	Painting	Color : RAL 7011				
19	Stator Winding	Insulation Class:				
20	Rotor Conductor	Cu-Alloy				
21	Starting Performance	LRC/FLC ≤ 650 %		LRT/FLT	85 %	
22	Operating Performance	Hz/V	50/10000		Break Down Torque 220 %FLT	
		%Load	100			
		Amp.	47.8			
		*LRC/FLC=Lock Rotor Current/Full Load Current	Eff.%	94.9		Temp. Rise Limit. (Resistance) Stator 80 °C AT S.F. 1.0
		*LRT/FLT=Lock Rotor Torque/Full Load Torque	P.F.%	89.0		
		*FLT=Full Load Torque	R.P.M.	2970		
23	Approximate Weight	Motor : 3200 kg				
24	Note	1.Rated Torque : Tf= 229.3 kg-m 2.With Space Heater : 1φ 220V 400W 3.With Winding RTD : PT 100Ω/0℃ 6pcs (S.F.1.0/S.F.1.15 : 145/155℃ Alarm , 155/165℃ Trip) 4.With Bearing RTD : PT 100Ω/0℃ 2pcs (95℃ Alarm , 100℃ Trip) 5.With shaft end key:20X12X120 1PCS 6.With adjusting shims:6mmX 4SETS 2.0 mmX4PCS(SS275) 1.0 mmX8PCS(SS275) Note : [*] at the end represent revised item				



SCHEMATIC - WYE CONN - 3 LEADS

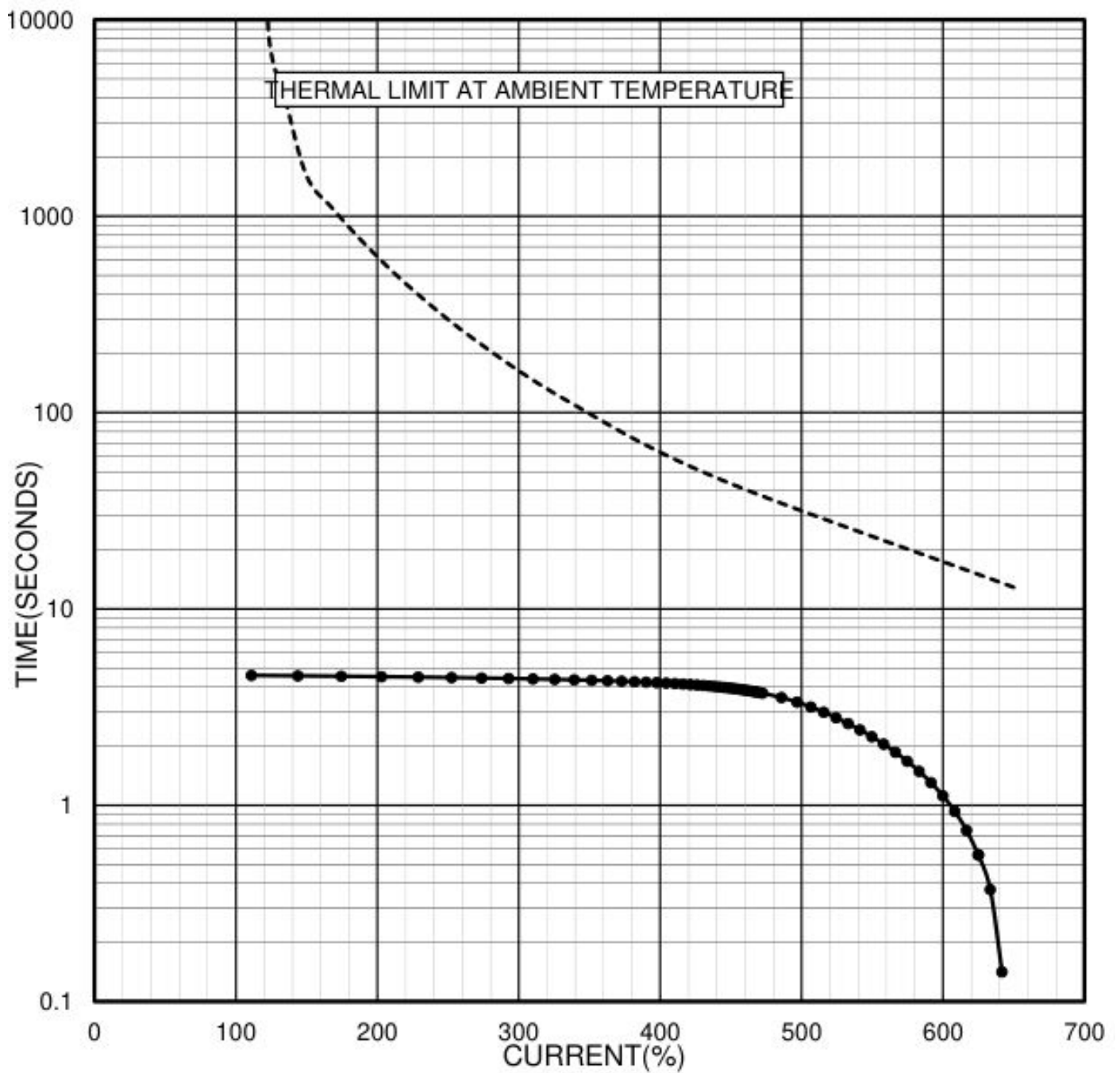
CONNECTION	ROTATION ( <small>VIEWED FROM</small> <small>DRIVE END</small> )
<p>A detailed wye connection diagram. At the top, three horizontal lines represent the supply lines, labeled R, S, and T from top to bottom. Vertical lines connect these to the top terminals of three coils. The bottom terminals of these coils are connected to a central star point. From this star point, three more coils lead to the bottom terminals, labeled U, V, and W. The U terminal is at the top, W is at the bottom left, and V is at the bottom right.</p>	<p>A curved arrow indicating a clockwise direction of rotation.</p>

# THERMAL LIMIT CURVES

NO. :  
POLE : 2  
HZ : 50  
Load GD2(KG-M2) : 86.41  
Motor GD2(KG-M2) : 30.68  
Full load current : 47.8 A

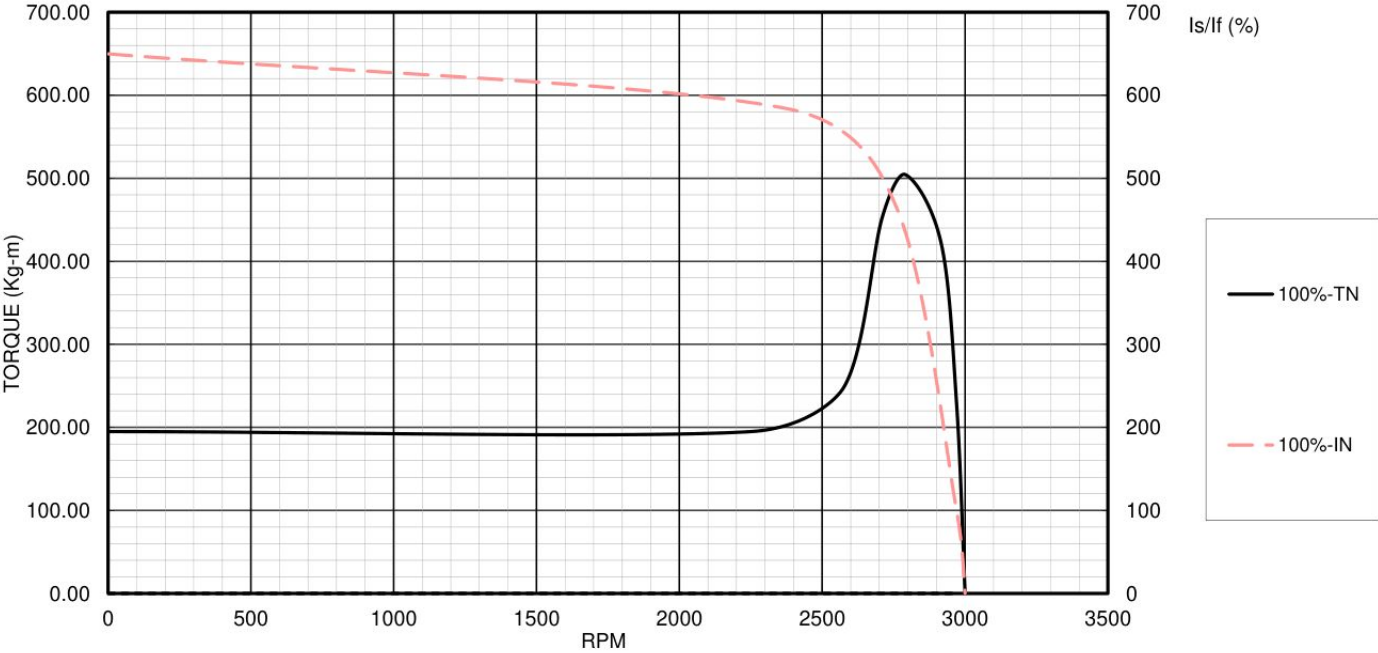
TYPE :  
kW : 700  
VOLT. : 10000

--- cold    ● ACCELERATION TIME VERSUS CURRENT CURVE



# T-N & I-N CURVE

NO.:			Ts :	194.9	Kg-m	Full load current :	47.8 A
TYPE:			Tmin. :	194.9	Kg-m	Lock rotor current / Full load current :	650 %
HZ: 50	POLE: 2	kW : 700	Tmax. :	504.5	Kg-m		
	VOLT.: 10000		Tf :	229.3	Kg-m		



# THREE PHASE INDUCTION MOTOR LOAD CHARACTERISTIC CURVE

NO. :  
POLE : 2  
HZ : 50

TYPE :  
kW : 700  
VOLT. : 10000

