COOLER CHOOSING:

The following information is required to choose the right coolER.

- Q (Kw)   Required Heat Dissipation
- V (l/dak)   Oil Flow Rate
- Toil (°C)   Oil Inlet Temperature
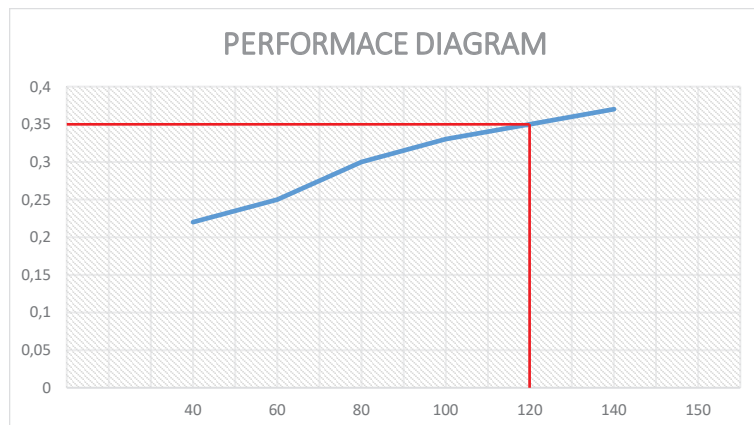- Tair (°C)   Air Inlet Temperature

CALCULATION SAMPLE

Q :   12 Kw

V :   120 lpm

Toil :   65 °C

Tair :   30 °C

ΔT : 65-30 = 35°C

K = 12/35 = 0,34 KW/°C

PERFORMACE DIAGRAM

The most suitable COOLER is selected on K and V values ON cooling performance diagram. UMB-16 coded cooler selected for this calculation.

ORDERING CODE

UMB	A12	24	S	3	0
SERIE OF COOLER	**SIZE OF COOLER**	**VOLTAGE**	**DIRECTION**	**THERMOSTAT**	**MOUNTING DAMPER**
UMM		01 = AC 230 V	S = SUCKER	1 = 40 - 28 °C	0 = WITHOUT DAMPER
UMS		02 = AC 230-400 V	B = BLOWER	2 = 50 - 38 °C	1 = WITH DAMPER
UCM		03 = 3PHASE MOTOR		3 = 48 - 60 °C	
UAC		04 = HİDROMOTOR		0 = WITHOUT	
		12 = 12 VOLT			
		24 = 24 VOLT			

UMB – A12 – 24 – S – 3 – 0