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Core description: Charge-air cooler (Aluminum) Isuzu Diesel

Units: British Type: Rating Correlation: Standard

J Coefficient 4.5 J Power -0.61 Tube Length (Inches) 24 Bypass Length 0.25

F Coefficient 5.2 F Power -0.42 Core Width (Inches) 8.5

Tube Material A Tube Pitch 0.55 Tube wall thickness: 0.025 Tube Space 0

Tube Major Dia. 2.5 Tube Minor Dia. 0.25 Tube Geom. Extruded multiport (+ fins) Tube Rows 1

In-tube Fin pitch 0.2 Insert Louver Pitch: 0.15 In-tube Fin Thk: 0.008

Fin Material A Fins/in 18 Fin Depth 2.5 Fin Thickness 0.004

Redirection Length 0.1 Louver Pitch 0.06 Louver Angle 27 Fin Geometry Louver

Louver Length (Norm. air flow) 0.25 Louvers per Tube Row 28 No. Redir Louv/Row 3

OPERATING CONDITIONS Entering Air Temp 85 Elevation 0 Entering Coolant Temp 299

Coolant Flow 320 Coolant Air CAC Air Pressure) 20

Heat Duty (SIZING ONLY) 15000 Frontal Velocity (SIZING ONLY) 30

Starting Air Velocity (RATING ONLY) 2 Velocity Increment (RATING ONLY) 2