

J&E Hall Ciat HS 2024

Specifications

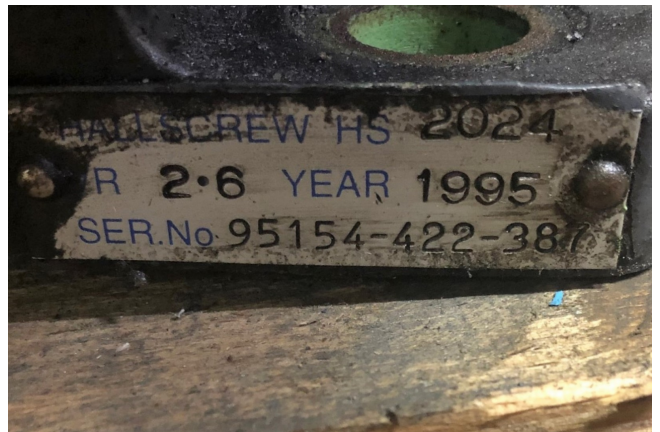
Hersteller	J&E Hall
Typ	Ciat HS 2024
Kältemittel	NH 3 / Freon
kW at +10°C/+40°C	1184,8
kW at 0°C/+40°C	803,7
kW at -5°C/+40°C	651
kW at -10°C/+40°C	520,3
kW at -20°C/+40°C	316
Bemerkungen	y.o.b. 1995
Größe	800x800x500 mm
Stock	2



Description

Used J&E Hall Ciat HS 2024

Gebraucht Hallscrew Ciat compressor
HS 2024 VR=2.6



Compressor Type		Operating Condition		Compressor Cooling		Compressor Capacity	
Open Drive		Suction [°C]	-10.00	External oil cooling	<input checked="" type="checkbox"/>	Inverter drive	<input type="checkbox"/>
Volume Ratio	2.6	Delivery [°C]	40.00	Temperature of injection of the oil [°C]	40.00	Frequency [Hz]	50
Refrigerant	R717 (NH ₃)	Suction Superheat	Total [K] 5.00	Liquid injection cooling	<input checked="" type="checkbox"/>	Frequency [Hz]	0.00
Unit of Measure	SI (kW, C)	Useful [K]	5.00	Controlled del. Temperature [°C]	75.00	Speed [rpm]	2980
		Liquid Subcooling	Total [K] 5.00	Economiser options	Temp. Diff [K] 5.00	Speed [rpm]	0.00
				Both	<input type="radio"/>	Part Load [%]	100.00
				Economised	<input type="radio"/>	Capacity [kW]	
				Not Economised	<input checked="" type="radio"/>		
				Superheat [K] 5.00			

RESULTS OF THE SELECTION				
	Ext. Oil / No Eco	Ext. Oil / Eco	Liq. Inj / No Eco	Liq. Inj / Eco
HSD 2024				
Speed [rpm]	2960	-	2960	-
Volume Ratio	2.6	-	2.6	-
Full load capacity [kW]	540.1	-	520.3	-
Full load shaft power [kW]	164.3	-	169.6	-
Full load COP	3.29	-	3.07	-
Suction mass flow rate [kg/s]	0.49	-	0.47	-
Delivery Temperature [°C]	74.4	-	75.0	-
Liquid temperature at expansion valve [°C]	35.00	-	35.00	-
Oil cooler duty [kW]	99.62	-		
Oil injection flow rate [m ³ /h]	5.52	-		
Liquid injection cooling load [kW]			107.1	
Liquid injection mass flow rate [kg/s]			0.09	
Economiser gauge [°C]				
Liquid cooling load in subcooler [kW]				
Economiser mass flow rate [kg/s]				