

J&E Hall APV HS 2028

Specifications

Merk	J&E Hall
Type	APV HS 2028
Koudemiddel	NH 3 / Freon
kW at +10°C/+40°C	1766
kW at 0°C/+40°C	1199,3
kW at -5°C/+40°C	972,3
kW at -10°C/+40°C	778
kW at -20°C/+40°C	474,4
Stock	1



Description

Used J&E Hall APV HS 2028

Used Hallscrew APV compressor HS 2028 VR=2.6



Compressor Type

Open Drive

Volume Ratio: 2.6

Refrigerant: R717 (NH₃)

Unit of Measure: SI (kW, C)

Operating Condition

Suction [°C]: -10.00

Delivery [°C]: 40.00

Suction Superheat

Total [K]: 5.00

Useful [K]: 5.00

Liquid Subcooling

Total [K]: 5.00

Compressor Cooling

External oil cooling

Temperature of injection of the oil [°C]: 40.00

Liquid injection cooling

Controlled del. Temperature [°C]: 75.00

Economiser options

Both Temp. Diff. [K]: 5.00

Economised Superheat [K]: 5.00

Not Economised

Compressor Capacity

Inverter drive

Frequency [Hz]: 50

Frequency [Hz]: 0.00

Speed [rpm]: 2980

Speed [rpm]: 0.00

Part Load [%]: 100.00

Capacity [kW]:

RESULTS OF THE SELECTION

HSO 2028	Ext. Oil / No Eco	Ext. Oil / Eco	Liq. Inj / No Eco	Liq. Inj / Eco
Speed [rpm]	2980	-	2980	-
Volume Ratio	2.6	-	2.6	-
Full load capacity [kW]	807.5	-	778.0	-
Full load shaft power [kW]	244.6	-	252.5	-
Full load COP	3.30	-	3.08	-
Suction mass flow rate [kg/s]	0.74	-	0.71	-
Delivery Temperature [°C]	75.4	-	75.0	-
Liquid temperature at expansion valve [°C]	35.00	-	35.00	-
Oil cooler duty [kW]	143.40	-	-	-
Oil injection flow rate [m³/h]	7.51	-	-	-
Liquid injection cooling load [kW]	-	-	158.9	-
Liquid injection mass flow rate [kg/s]	-	-	0.13	-
Economiser gauge [°C]	-	-	-	-
Liquid cooling load in subcooler [kW]	-	-	-	-
Economiser mass flow rate [kg/s]	-	-	-	-

All | Clear Models

- HSO 2024
- HSO 2028
- HSO 2031
- HSO 2035
- HSO 3216
- HSO 3218
- HSO 3220
- HSO 3221
- HSO 4221
- HSO 4222
- HSO 4223
- HSO 4224