

J&E Hall APV HS 2028

Specifications

Brand	J&E Hall
Type	APV HS 2028
Refrigerant	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 HallScrew Single screw open compressor HS 2028
VR=2.6 *Why choose for HOSBV? Were not only the largest used refrigeration specialist in Europe, but also, we deliver all equipment including an extensive test, warranty and industrial cleaning. *Optional we can also perform a new paint job and arrange the logistics.



Compressor Type	Operating Condition	Compressor Cooling	Compressor Capacity
Open Drive	Suction [°C] -10.00	External oil cooling	Inverter drive
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	Liquid injection cooling	Frequency [Hz] 0.00
Unit of Measure SI (kW, C)	Total [kW] 5.00	Controlled del. Temperature [°C] 75.00	Speed [rpm] 2980
	Useful [kW] 5.00	Economiser options	Speed [rpm] 0.00
	Liquid Subcooling	Both	Part Load [%] 100.00
	Total [kW] 5.00	Economised	Capacity [kW]
		Not Economised	

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]	-	-	158.3	-
Liquid injection mass flow rate [kg/s]	-	-	0.13	-
Economiser gauge [°C]	-	-	-	-
Liquid cooling load in subcooler [kW]	-	-	-	-
Economiser mass flow rate [kg/s]	-	-	-	-