

Bitzer 6H.2 package

Specifications

Merk	Bitzer
Type	6H.2 package
Koudemiddel	Freon
kW at 0°C/+40°C	89.98
kW at -10°C/+40°C	61.84
kW at -20°C/+40°C	40.68
kW at -30°C/+40°C	25.06
kW at -40°C/+40°C	13.83
Elektromotor Specs	22kW at 1445 RPM
Capaciteits Controle	✓
Op stalen frame	✓
Druk veiligheids schakelaars	✓
Manometers	✓
Opmerkingen	Our capacity table is based on Manufacturer spec. We would like to know which refrigerant is in your system
Stock	1



Description

Used Bitzer 6H.2 package

Gebruikt en in goede staat, Bitzer open V-riem aangedreven koel / vriespakket, bestaande uit een Bitzer 6H.2 open type zuigercompressor met elektromotor en manometers en veiligheidsschakelaars enz. (Zie foto's).
 * Waarom kiezen voor HOSBV? We waren niet alleen de grootste specialist in gebruikte koeling in Europa, maar we leveren ook alle apparatuur, inclusief een uitgebreide test, garantie en industriële reiniging. Optioneel kunnen we verzend- en exportdocumenten regelen.



BITZER Software v6.4.3 rev1353 | 28.05.2015 / All data subject to change. | 2 / 4

Compressor Selection: Open-Type Reciprocating Compressors

Input Values

Compressor model	6H 2Y-K	Useful superheat	100%
Refrigerant	R404A	Motor speed	1450/min
Reference temperature	Dew point temp.	Drive	Coupling (1:1)
Liq. subc. (in condenser)	0 K	Capacity Control	100%
Suction gas temperature	20.00 °C		

Result

Q [W]	Cooling capacity	COP [-]	COPEER						
Q* [W]	Cooling capacity *	COP* [-]	COPEER *						
P [kW]	Power input	m [kg/h]	Mass flow						
Qc [W]	Condenser Capacity	n [1/min]	Comp. speed						
IE	to	10°C	0°C	-10°C	-20°C	-30°C	-40°C	-50°C	-60°C
30°C	Q [W]	--	104066	71773	47677	30023	17433	--	--
	Q* [W]	--	104066	71773	47677	30023	17433	--	--
	P [kW]	--	22.4	20.5	17.44	13.86	10.29	--	--
	Qc [W]	--	126475	92236	65113	43887	27722	--	--
	COP [-]	--	4.64	3.51	2.73	2.17	1.69	--	--
	COP* [-]	--	4.64	3.51	2.73	2.17	1.69	--	--
	m [kg/h]	--	2645	1765	1168	727	419	--	--
	n [1/min]	--	1450	1450	1450	1450	1450	--	--
40°C	Q [W]	--	89984	61843	40684	25067	13837	--	--
	Q* [W]	--	89984	61843	40684	25067	13837	--	--
	P [kW]	--	25.7	22.8	18.86	14.61	10.62	--	--
	Qc [W]	--	115704	84612	59545	39675	24459	--	--
	COP [-]	--	3.50	2.72	2.16	1.72	1.30	--	--
	COP* [-]	--	3.50	2.72	2.16	1.72	1.30	--	--
	m [kg/h]	--	2581	1721	1119	681	373	--	--
	n [1/min]	--	1450	1450	1450	1450	1450	--	--
50°C	Q [W]	--	75446	51664	33591	20115	10307	--	--
	Q* [W]	--	75446	51664	33591	20115	10307	--	--
	P [kW]	--	29.2	25.3	20.7	15.81	11.49	--	--
	Qc [W]	--	104679	77013	54241	35922	21795	--	--
	COP [-]	--	2.58	2.04	1.63	1.27	0.90	--	--
	COP* [-]	--	2.58	2.04	1.63	1.27	0.90	--	--
	m [kg/h]	--	2513	1673	1066	629	319	--	--
	n [1/min]	--	1450	1450	1450	1450	1450	--	--