

Bitzer 6H.2

Specifications

Marka	Bitzer
Typ	6H.2
Czynnik chłodzący	Freon
Refrigerant type	R 404 A or other types
kW at 0°C/+40°C	89.9
kW at -10°C/+40°C	61.8
kW at -20°C/+40°C	40.6
kW at -30°C/+40°C	25.0
kW at -40°C/+40°C	13.8
Silnik elektryczny Specs	15
Rozładunek	✓
Kontrolka wydajności	✓
Wskaźniki ciśnienia	✓
Stock	1



Description

Used Bitzer 6H.2

Used V-belt driven Bitzer 6H.2 Open-Type Reciprocating piston Compressor with electromotor +/- 15kW. Our capacity table is based on the used type of Freon. You can also use these compressors on alternative types of Freon. For all the other specs (if available), see the picture of the manufacturer model plate or the attached pdf file. *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 arrange the logistics.



Input values

compressor model 6H 2Y-K Useful superheat 100%
refrigerant R404A Motor speed 1450 /min
reference temperature Drive Coupling (1:1)
iq, subc. (in condenser) Capacity Control 100%
uction gas temperature 20.00 °C

result

		Cooling capacity		COP [-]		COPIER	
		Cooling capacity*		COP* [-]		COPIER*	
		Power input		m [kg/h]		Mass flow	
		Condenser Capacity		n [min]		Compr. speed	
	to	10°C	0°C	-10°C	-20°C	-30°C	-40°C
0°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	1785	1168	727	419	--
	n [min]	1450	1450	1450	1450	1450	--
0°C							
	Q [W]	89884	61843	40684	25067	13837	--
	Q* [W]	89884	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	1731	1119	681	373	--
	n [min]	1450	1450	1450	1450	1450	--
0°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 [min]	1450	1450	1450	1450	1450	--

No calculation possible (see message in single point selection)
According to EN12900 (20°C suction gas temp., 0K liquid subcooling)