

Bitzer 6H-35.2

Specifications

Brand	Bitzer
Type	6H-35.2
Refrigerant	Freon
Refrigerant type	R 404 A or other types
kW at 0°C/+40°C	89.2
kW at -5°C/+40°C	74
kW at -10°C/+40°C	60.9
kW at -20°C/+40°C	39.5
kW at -30°C/+40°C	23.8
Stock	1



Description

Used Bitzer 6H-35.2

Used but in good condition Bitzer 6H-35.2 Semi-hermetic Reciprocating Compressor. 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? We're 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.



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Selection: Semi-hermetic Reciprocating Compressors

Input Values

Compressor model: **4N-20.2V**
 Mode: Refrigeration and Air conditioning
 Refrigerant: R404A
 Reference temperature: 20.00 °C
 U/s. subc. (in condenser): Auto
 Power supply: 400V-3-50Hz
 Capacity control: 100%
 Useful superheat: 100%

Result

Q [W]
 Q_u [W]
 P [kW]
 I [A]
 Q_c [W]
 COP [-]
 m [kg/h]
 Op.
 th [°C]

Cooling capacity
 Evaporator capacity
 Power input
 Current
 Condenser Capacity (w. HX)

COP [-]
 m [kg/h]
 Op.
 th [°C]

COPIER
 Mass flow
 Operating mode
 Discharge gas temp. w/o cooling

to	5°C	8°C	11°C	14°C	17°C	20°C	23°C	26°C
30°C	Q [W] 63606	53277	44316	36552	29842	24067	19121	14913
	Q _u [W] 63606	53277	44316	36552	29842	24067	19121	14913
	P [kW] 12.20	11.68	11.13	10.53	9.86	9.12	8.29	7.36
	I [A] 21.5	20.8	19.99	19.19	18.33	17.41	16.42	15.38
	Q _c [W] 75200	64375	54888	46551	39211	32733	27000	21903
	COP [-] 5.21	4.56	3.98	3.47	3.03	2.64	2.31	2.03
	m [kg/h] 1640	1354	1113	909	736	589	465	361
	Op. Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	th [°C] 57.0	62.6	68.6	75.1	82.2	90.1	98.6	107.7
40°C	Q [W] 54802	45648	38066	31289	25434	20390	16071	12398
	Q _u [W] 54802	45648	38066	31289	25434	20390	16071	12398
	P [kW] 14.11	13.42	12.66	11.81	10.89	9.91	8.87	7.77
	I [A] 24.2	23.2	22.1	20.9	19.68	18.39	17.10	15.83
	Q _c [W] 60207	50601	42509	35783	29806	24496	19781	15603
	COP [-] 3.88	3.42	3.01	2.65	2.33	2.06	1.81	1.60
	m [kg/h] 1567	1315	1077	876	705	561	439	337
	Op. Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	th [°C] 66.7	72.6	78.9	85.6	92.9	100.9	109.6	119.6
50°C	Q [W] 44845	37508	31089	25496	20945	16459	12871	9820
	Q _u [W] 44845	37508	31089	25496	20945	16459	12871	9820
	P [kW] 16.05	15.21	14.24	13.16	11.98	10.73	9.42	8.09
	I [A] 27.2	25.9	24.4	22.8	21.2	19.46	17.73	16.19
	Q _c [W] 60094	51959	44618	37995	32024	26650	21824	17503
	COP [-] 2.79	2.47	2.18	1.94	1.72	1.53	1.37	1.21
	m [kg/h] 1521	1249	1020	825	661	522	405	307
	Op. Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	th [°C] 77.8	84.1	90.8	97.9	105.6	114.0	123.1	133.3

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

Application Limits 100% 4N-20.2