

Bitzer 6H-35.2Y (x2) package

Specifications

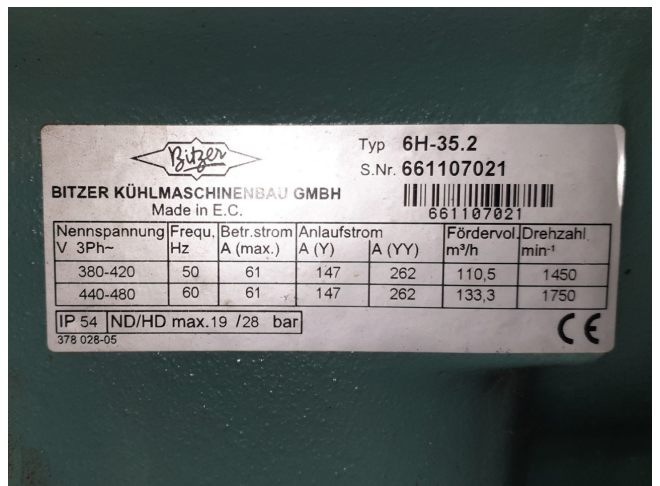
Brand	Bitzer
Type	6H-35.2Y (x2) package
Refrigerant	Freon
kW at 0°C/+40°C	178,6
kW at -5°C/+40°C	148,2
kW at -10°C/+40°C	121,8
kW at -20°C/+40°C	79,2
kW at -30°C/+40°C	47,7
kW at -40°C/+40°C	25,0
Capacity Control	✓
On steel base frame	✓
Pressure safety switches	✓
Hp/Lp/Op	
Pressure gauges	✓
Hp/Lp/Op	
Liquid receiver	✓
Liquid receiver ltr.	125
Oil separator	✓
Oil level system AC&R	✓
Liquid line filter drier	✓
Sight Glass	✓
Control panel	✓
Package / Rack	✓
Sizes	2700x760x1660 mm
Stock	1

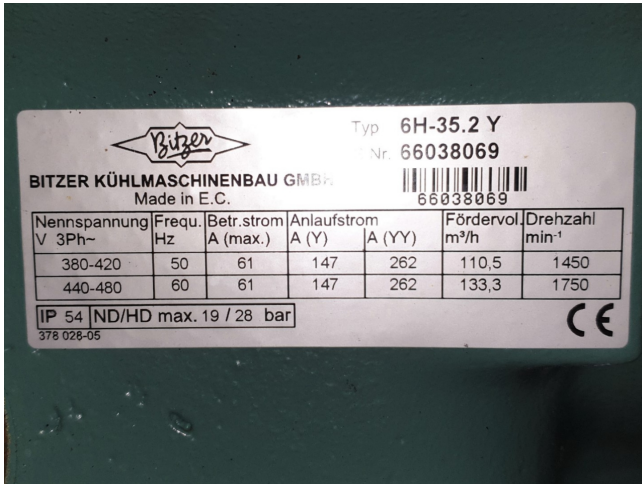


Description

Used Bitzer 6H-35.2Y (x2) package

Used Semi-hermetic compressor unit. Two Bitzer 6H-35.2Y compressors, liquid receiver and oil separator on a steel base frame. *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.





BITZER Software v6.11.0 rev2284 21.11.2019 / All data subject to change. 1/4

Selection: Semi-hermetic Reciprocating Compressors

Input Values

Compressor model	(6H-35.2Y)	Suction gas temperature	20.00 °C
Mode	Refrigeration and Air conditioning	Operating mode	Auto
Refrigerant	R404A	Power supply	400V-3-50Hz
Reference temperature	Low point temp. 0 K	Capacity control	100%
U/L subc. (in condenser)		Useful superheat	100%

Result

Q [W]	Cooling capacity	COP [-]	COPIER
Q _{ev} [W]	Evaporator capacity	m [kg/h]	Mass flow
P [kW]	Power input	Op.	Operating mode
I [A]	Current	th [°C]	Discharge gas temp. w/o cooling
Q _c [W]	Condenser capacity		

t _c	t ₀	5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C	-30°C
30°C	Q [W]	124765	104510	86914	71642	58418	47007	37204	28529
	Q _{ev} [W]	124765	104510	86914	71642	58418	47007	37204	28529
	P [kW]	24,8	24,1	23,0	21,8	20,3	18,64	16,83	14,91
	I [A]	44,4	43,3	41,9	40,1	38,0	35,8	33,4	31,1
	C _{ev} [W]	149604	128582	109955	93414	78713	65646	54038	43736
	COP [-]	5,02	4,34	3,77	3,29	2,88	2,52	2,21	1,93
	m [kg/h]	3216	2657	2183	1782	1441	1151	906	698
	Op.	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	th [°C]	57,9	64,0	70,4	77,2	84,5	92,4	101,2	111,0
40°C	Q [W]	106643	89253	74095	60906	49465	39580	31085	23628
	Q _{ev} [W]	106643	89253	74095	60906	49465	39580	31085	23628
	P [kW]	29,2	27,8	26,1	24,3	22,3	20,1	17,88	15,53
	I [A]	50,9	48,8	46,4	43,7	40,8	37,8	34,8	31,8
	C _{ev} [W]	135844	117041	100242	85212	71760	59725	48966	39362
	COP [-]	3,65	3,21	2,85	2,51	2,22	1,96	1,74	1,53
	m [kg/h]	3108	2560	2098	1705	1372	1089	850	648
	Op.	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	th [°C]	64,4	74,5	81,1	88,9	95,5	103,5	112,5	122,5
50°C	Q [W]	88643	74139	61442	50362	40733	32409	25258	19157
	Q _{ev} [W]	88643	74139	61442	50362	40733	32409	25258	19157
	P [kW]	33,2	31,2	29,0	26,5	24,0	21,4	18,71	15,96

