

# Bitzer HSKC 7471-90-40P

## Specifications

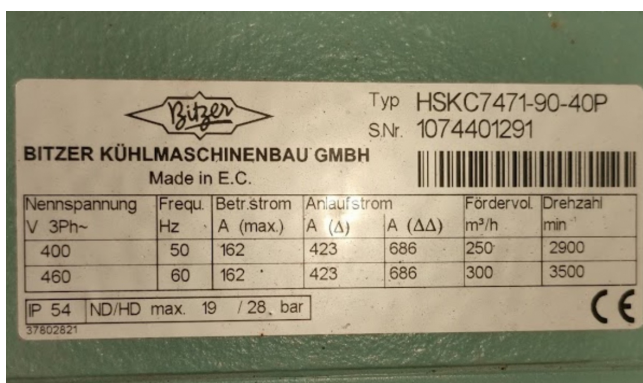
Marque	Bitzer
Le type	HSKC 7471-90-40P
Réfrigérant	Freon
kW at 0°C/+40°C	215.04
kW at -5°C/+40°C	177.38
kW at -10°C/+40°C	145.02
kW at -20°C/+40°C	93.74
Remarques	Our capacity table is based on Manufacturer spec. We would like to know which refrigerant is in your system
Stock	1



## Description

### Used Bitzer HSKC 7471-90-40P

Used Bitzer type HSKC 7471-90-40P Semi-hermetic Screw Compressors HS.  
 \*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.



## Input Values

Compressor model	HSKC7471-90	Operating mode	Standard
Refrigerant	R404A	Power supply	400V-3-50Hz
Reference temperature	Dew point temp.	Useful superheat	100%
Liq. subc. (in condenser)	0 K	Additional cooling	Automatic
Suct. gas superheat	10.00 K	Max. discharge gas temp.	80.0 °C

## Result

Q [kW]	Cooling capacity	mHP [kg/h]	Mass flow HP
P [kW]	Power input	Qac [kW]	Additional cooling
I [A]	Current	tou [°C]	Liquid temp.
COP [-]	COPIER	pm [bar(a)]	ECO pressure
mLP [kg/h]	Mass flow LP	Qsc [kW]	sub cooler capacity (ECO)

tC	to	10°C	5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C
30°C	Q [W]	290426	249994	207249	170430	138854	111909	—	—
	P [kW]	56.3	54.6	53.0	51.4	50.0	48.8	—	—
	I [A]	97.5	95.1	92.8	90.7	88.7	87.0	—	—
	COP [-]	5.32	4.58	3.91	3.31	2.78	2.29	—	—
	mLP [kg/h]	8007	6824	5781	4863	4057	3351	—	—
	mHP [kg/h]	8007	6824	5781	4863	4057	3351	—	—
	Qac [kW]	—	—	—	—	—	—	—	—
	tou [°C]	29.6	29.6	29.6	29.6	29.6	29.6	—	—
	pm [bar(a)]	—	—	—	—	—	—	—	—
	Qsc [kW]	—	—	—	—	—	—	—	—
40°C	Q [W]	258678	215045	177388	145021	117322	93740	—	—
	P [kW]	63.0	55.6	48.0	40.4	34.0	28.8	—	—
	I [A]	112.9	110.6	106.3	106.1	104.1	102.3	—	—
	COP [-]	3.85	3.28	2.77	2.32	1.92	1.57	—	—
	mLP [kg/h]	7859	6689	5655	4745	3944	3242	—	—
	mHP [kg/h]	7859	6689	5655	4745	3944	3242	—	—
	Qac [kW]	—	—	—	—	—	—	—	—
	tou [°C]	39.6	39.6	39.6	39.6	39.6	39.6	—	—
	pm [bar(a)]	—	—	—	—	—	—	—	—
	Qsc [kW]	—	—	—	—	—	—	—	—
50°C	Q [W]	213191	175847	143719	116200	92741	72854	—	—
	P [kW]	81.0	79.4	77.9	76.4	75.0	73.6	—	—
	I [A]	133.8	131.2	128.9	126.6	124.5	122.4	—	—
	COP [-]	2.63	2.21	1.85	1.52	1.24	0.99	—	—