

Bitzer HSKC 7471-90-40P

Specifications

Brand	Bitzer
Type	HSKC 7471-90-40P
Refrigerant	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
Remarks	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? 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 also perform a new paint job and arrange the logistics.



Typ HSKC7471-90-40P
 S.Nr. 1074401291

BITZER KÜHLMASCHINENBAU GMBH
Made in E.C.

Nennspannung	Frequ.	Betr.strom	Anlaufstrom	Fördervol.	Drehzahl
V 3Ph~	Hz	A (max.)	A (Δ)	m³/h	min⁻¹
400	50	162	423	250	2900
460	60	162	423	300	3500

IP 54 ND/HD max. 19 / 28, bar

CE

Input Values

Compressor model	HSK7471-90	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 [W]	Cooling capacity	mHP [kg/h]	Mass flow HP
P [kW]	Power input	Qacc [kW]	Additional cooling
I [A]	Current	tou [°C]	Liquid temp.
COP [-]	COP/EEER	pm [bar(a)]	ECO pressure
mLP [kg/h]	Mass flow LP	Qsc [kW]	sub cooler capacity (ECO)

t _c	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		
	Qacc [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]	57.0	55.7	53.0	50.4	48.4	46.8		
	I [A]	112.9	110.6	106.3	106.1	104.1	102.3		
	COP [-]	3.65	3.26	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		
	Qacc [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]	133.6	131.2	126.9	126.6	124.5	122.4		
	COP [-]	2.63	2.21	1.85	1.52	1.24	0.99		