

Mbsm.pro, Compressor Tecumseh, AE
4425 Z , AE-8007-f, AE4425Z-FZ,
H/MBP, AE 4425 Z, AEZ 4425 Z, 1/5
hp++, 1/4 hp-, r404a

Category: compressor

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Mbsm.pro, Compressor Tecumseh, AE 4425 Z , AE-8007-f, AE4425Z-FZ, H/MBP, AE 4425 Z, AEZ 4425 Z, 1/5 hp++, 1/4 hp-, r404a

Mbsm.pro, Compressor, Lg, msa24Ladg, Serie MSA, 1/12 hp, r134a, Small and medium size refrigerator, Freezer Water dispenser, 220 v , 1ph

Category: compressor

written by www.mbsm.pro | 24 April 2023



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Mbsm.pro, Compressor, Lg, msa24Ladg, Serie MSA, 1/12 hp, r134a, Small and medium size refrigerator, Freezer Water dispenser, 220 v , 1ph

CR47KQ, CR47KQ-TFD-970-COPW, CR47KQ-TFD, 3.5 hp, 3 ph, r22, 400v, 47000

btu

Category: compressor
written by www.mbsm.pro | 24 April 2023



Mbsm.pro, Copeland, Hermetic, CR47KQ, Compressor, Series: CR, 47000 BTU/hr, 10.034 cfm, 460 VAC, 6.9 amp, 4 ton Tonnage, 60 Hz, 3 PH, 3500 rpm, 4 hp, 4540 watt, R-22, R-404A, R-407C

ZR61KCE-TFD-522

Category: compressor
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Mbsm.pro, COPELAND, COMPRESSOR, ZR61KCE-TFD-522, 5 hp, 43000 btu

Mbsm.pro, QXA-C133B030gA, Compressor
GREE, PANASONIC, 12000 Btu, R410,
2JS464D3CA02, 24000 Btu, r22

Category: compressor,expertise

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2JS464D3CA02

THERMALLY PROTECTED R22

1PH 50Hz 220/240V ~

Matsushita Electric Industrial Co., Ltd.

SERIAL NO. J46D

C0063914

7077290

MADE IN MALAYSIA



WARNING / DANGER



Danger of Electric Shock

- Earth the equipment.
- Disconnect power before work.
- Mount the terminal cover in place.



Danger of Explosion or Fire

- Do not use unprescribed refrigerants and oils.
- Do not compress air.
- Wear protective goggles.



Caution , Hot Surface

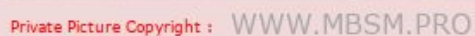
- Do not touch with bare hands.

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Mbsm.pro, QXA-C133B030gA, Compressor GREE, PANASONIC, 12000 Btu, R410,
2JS464D3CA02, 24000 Btu,r22

Mbsm.pro, compressor, jt160gabtal, 5
hp, 400 v, 3 ph, DAIKIN scroll, air
conditioning

Category: air conditioner,compressor
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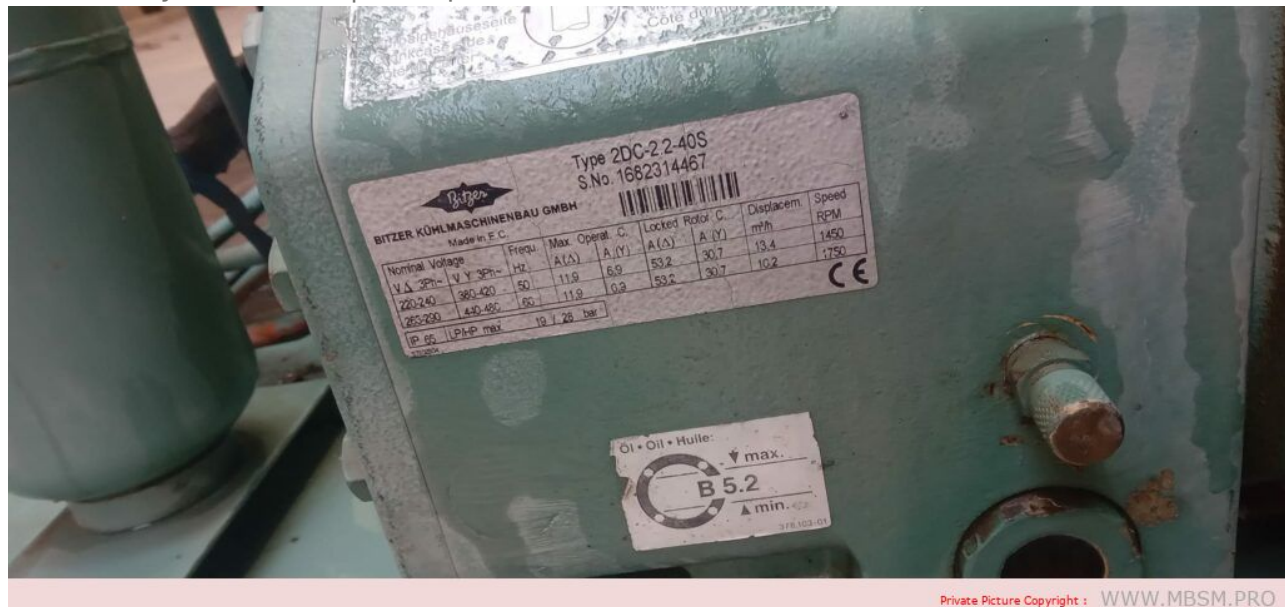


Mbsm.pro, compressor, jtl160gabtal, 5 hp, 400 v, 3 ph, DAIKIN scroll, air conditioning

Mbsm.pro, compressor, 2DC-2.2Y-40S, Bitzer, semi-hermetic, h8-lsg-40x-ewl-b, 2 hp, 400 v

Category: compressor

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Bitzer Semi-Hermetic Refrigeration Compressor 2DC-2.2Y-40S/2DES-2

Based on one technical concept, our semi-hermetic reciprocating compressors cover the entire spectrum of applications of conventional, chlorine-free HFC as well as natural refrigerants. They distinguish themselves by a robust valve plate design, a high quality and wear resistant drive gear, are easy-to-service and offer good speed control at minimum energy requirements as well as extremely smooth running. In addition, they incorporate an efficient, suction gas cooled integrated motor.

The OCTAGON series of compressors additionally excels by extremely compact dimensions and even further increased smooth running.

Model	Cond temp.	The Evaporation Temperature (R404/50HZ)											
		7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
2KC-05.2Y	40	3850	3520	2920	2390	1940	1540	1200	900	650	435	255	1000
2JC-07.2Y	40	5180	4740	3950	3260	2660	2130	1680	1290	960	675	440	240
2HC-1.2Y	40				4090	3340	2700	2140	1650	1240	890	595	345
2HC-2.2Y	40	6620	6070	5060	4190	3430	2760	2190	1700	1270	915	610	
2GC-2.2Y	40	7540	6910	5780	4790	3930	3190	2450	1990	1520	1110	775	490
2FC-2.2Y	40				5950	4900	3980	3190	2500	1920	1420	1000	650
2FC-3.2Y	40	9450	8670	7250	6020	4950	4010	3210	2520	1930	1420	1000	
2EC-2.2Y	40				7270	5980	4860	3900	3060	2350	1750	1240	810
2EC-3.2Y	40	11620	10660	8930	7420	6100	4960	3970	3120	2390	1770	1250	
2DC-2.2Y	40				8490	6980	5670	4530	3560	2720	2020	1420	920
2DC-3.2Y	40	13510	12390	10380	8610	7080	5750	4600	3610	2760	2040	1430	
2CC-3.2Y	40				10510	8650	7040	5640	4440	3420	2550	1810	1200
2CC-4.2Y	40	16470	15110	12660	10520	8660	7050	5650	4450	3420	2540	1810	
4FC-3.2Y	40				11560	9520	7740	6200	4880	3750	2790	1980	1310

4FC-5.2Y	40	18240	16740	14026	11650	9580	7790	6240	4900	3760	2790	1970	
4EC-4.2Y	40				1440	11870	9650	7720	6070	4650	3450	2440	1590
4EC-6.2Y	40	23150	21250	17780	14750	12120	9840	7860	5160	4700	3470	2420	
4DC-5.2Y	40				17650	14520	11810	9460	7440	5720	4250	3010	1980
4DC-7.2Y	40	27500	25200	21100	14790	14350	11630	9270	7250	5510	4040	2800	
4CC-6.2Y	40				21100	17420	14200	11420	9030	6930	5240	3770	2540
4CC-9.2Y	40	32850	30150	25300	21100	17410	14210	11440	9050	7000	5250	3700	
4VCS-6.2Y	40				22750	18670	15140	12090	9470	7230	5320	3720	2380
4VCS-10.2Y	40	36100	33100	27600	22850	18680	15070	11950	9260	6960	5000	3350	
4TCS-8.2Y	40				27750	22800	18480	14760	11560	8830	3520	4580	2960
4TCS-12.2Y	40	43500	39580	33300	27550	22600	18260	14530	11320	8590	6270	4320	
4PCS-10.2Y	40				32300	26500	21500	17130	13400	10220	7520	5240	3350
4PCS-15.2Y	40	52200	47850	39950	33050	27050	21850	17360	13490	10190	7390	5020	
4NCS-12.2Y	40				37300	30600	24800	19810	15510	11840	8740	6120	3950
4NCS-20.2Y	40	60500	55400	46250	38200	31250	25200	20000	15530	11730	8510	5820	
4J-13.2Y	40				42800	35250	28700	23000	18150	14000	10470	7500	5020
4J-22.2Y	40	67100	61500	51500	42700	35100	25800	22800	17870	13670	10110	7120	
4H-15.2Y	40				49850	41150	33600	27100	21500	16730	12660	9420	6380
4H-25.2Y	40	77400	71000	59500	49400	409650	33000	26450	20800	19530	11800	8320	
4G-20.2Y	40				57200	47300	38700	31200	24800	19250	14540	10540	7160
4G-30.2Y	40	98100	81800	68600	57000	47000	38250	30700	24200	18610	13860	9850	
6J-22.2Y	40				63800	52600	42800	34350	27100	20900	15640	11210	7510
6J-33.2Y	40	101500	93000	77700	64300	52700	42600	33900	26400	20050	14640	10110	
6H-25.2Y	40				74000	61600	50200	40400	31900	24700	18590	13440	9130
6H-35.2Y	40	116300	1E+06	89300	74100	60900	49450	39600	31100	23800	17670	12480	
6G-30.2Y	40				84000	69300	56600	45500	36050	27900	21000	15130	10210
6G-40.2Y	40	133440	122400	102700	85400	70300	57300	46000	36300	28000	20900	14940	
6F-40.2Y	40				100900	83100	67600	54300	42800	32950	24600	17570	11680
6F-50.2Y	40	157900	145000	121700	101300	83600	68300	55000	43600	3850	25600	18620	
8GC-60.2Y	40	188400	173100	145400	121200	10000	81500	65400					
8FC-70.2Y	40	223000	204900	172100	143500	118400	96500	77400					







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Mbsm.pro, Compressor, Embraco, Fractional, Domestic, Compressor Data, EMU45HSC, 1/6 hp, lbp

Category: compressor

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Embraco Fractional Domestic Compressor Data Embraco/Embraco R134a series EMU45HSC

Wholesale and Retail Embraco/Embraco Compressor, Embraco/Embraco Piston Compressor Model: emu45hsc, Refrigerant: R134a, Supply Voltage: 220-240V, 50-60Hz, Horsepower: 1/6 HP, Provide Embraco / Embraco emu45hsc models, specifications, parameters, pictures, prices and other data. Embraco, a company focused on refrigeration solutions, is the leader in the hermetic compressor market

Product model: EMU45HSC

Refrigerant: R134a

Power frequency: 50/60Hz

Power supply voltage: 220-240V

Product horsepower: 1/6 HP

Model	Refrigerator	Voltage	Frequency / Rotation	Application	HP	Efficiency (Kcal/wh)	Capacity (Kcal/h)	Displacement (cm³)	Type of oil	Type of motor	Starting torque	Type of test
EMI30HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,92	69	3	IS022	RSIR-CSIR	LST	ASHRAE32
EMIE30HJR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,03	76	2,83	IS010	RSIR	LST	ASHRAE32
EMI30HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,03	77	3	IS010	RSIR-CSIR	LST	ASHRAE32
EM30HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,93	77	3	IS022	RSIR-CSIR	LST	ASHRAE32
EM30HHR	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,81	78	3	IS022	CSIR	LST	ASHRAE32
EM30HHR	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,81	78	3	IS022	RSIR	LST	ASHRAE32
EM30HHR	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,81	78	3	IS022	RSIR-CSIR	LST	ASHRAE32
EMT30HSC	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,08	78	3	IS010	RSCR – 12 µF	LST	ASHRAE32
EMI28HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,01	81	3	IS010	RSIR-CSIR	LST	ASHRAE32
EMU30HSC	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,21	83	3	IS010	RSCR – 12 µF	LST	ASHRAE32
EMI40HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,05	94	3,77	IS010	RSIR-CSIR	LST	ASHRAE32
EMI45HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	1,13	106	3,77	IS010	RSIR	LST	ASHRAE32
EMI45HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	1,08	106	3,77	IS022	RSIR	LST	ASHRAE32
EM45HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	1	106	3,77	IS010	RSIR-CSIR	LST	ASHRAE32
EM45HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	0,98	106	3,77	IS022	RSIR-CSIR	LST	ASHRAE32
EMU45HEP	R-134a	100 V 50-60 Hz 1 ~	60 Hz	LBP	1/6	1,14	110	3,77	IS010	RSIR	LST	ASHRAE32
EMU45HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	1,19	113	3,77	IS07	RSIR	LST	ASHRAE32
EMU45HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,22	113	3,77	IS010	RSCR – 20 µF	LST	ASHRAE32
EMU45HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,25	113	3,77	IS010	RSCR – 15 µF	LST	ASHRAE32
EMU45HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,25	113	3,77	IS010	RSCR – 12 µF	LST	ASHRAE32
EMI30HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,92	69	3	IS022	RSIR-CSIR	LST	ASHRAE32
EMIE30HJR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,03	76	2,83	IS010	RSIR	LST	ASHRAE32
EMI30HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,03	77	3	IS010	RSIR-CSIR	LST	ASHRAE32
EM30HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,93	77	3	IS022	RSIR-CSIR	LST	ASHRAE32
EM30HHR	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,81	78	3	IS022	CSIR	LST	ASHRAE32

EM30HHR	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,81	78	3	IS022	RSIR	LST	ASHRAE32
EM30HHR	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	0,81	78	3	IS022	RSIR-CSIR	LST	ASHRAE32
EMT30HSC	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,08	78	3	IS010	$R_{SCR} - 12 \mu F$	LST	ASHRAE32
EMI28HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,01	81	3	IS010	RSIR-CSIR	LST	ASHRAE32
EMU30HSC	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,21	83	3	IS010	$R_{SCR} - 12 \mu F$	LST	ASHRAE32
EMI40HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/10	1,05	94	3,77	IS010	RSIR-CSIR	LST	ASHRAE32
EMI45HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	1,13	106	3,77	IS010	RSIR	LST	ASHRAE32
EMI45HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	1,08	106	3,77	IS022	RSIR	LST	ASHRAE32
EM45HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	1	106	3,77	IS010	RSIR-CSIR	LST	ASHRAE32
EM45HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	0,98	106	3,77	IS022	RSIR-CSIR	LST	ASHRAE32
EMU45HEP	R-134a	100 V 50-60 Hz 1 ~	60 Hz	LBP	1/6	1,14	110	3,77	IS010	RSIR	LST	ASHRAE32
EMU45HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	1,19	113	3,77	IS07	RSIR	LST	ASHRAE32
EMU45HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,22	113	3,77	IS010	$R_{SCR} - 20 \mu F$	LST	ASHRAE32
EMU45HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,25	113	3,77	IS010	$R_{SCR} - 15 \mu F$	LST	ASHRAE32
EMU45HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,25	113	3,77	IS010	$R_{SCR} - 12 \mu F$	LST	ASHRAE32
EMY45HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,22	115	3,77	IS010	RSIR	LST	ASHRAE32
EMY45HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/8	1,33	115	3,77	IS010	$R_{SCR} - 12 \mu F$	LST	ASHRAE32
EM2U50HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,2	126	4,5	IS010	RSIR	LST	ASHRAE32
EM55HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,02	129	4,6	IS022	RSIR-CSIR	LST	ASHRAE32
EM55HNX	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,01	129	4,6	IS022	CSIR	HST	ASHRAE32
EMI55HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,12	129	4,6	IS022	RSIR-CSIR	LST	ASHRAE32
EM2Y50HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,42	130	4,5	IS010	$R_{SCR} - 12 \mu F$	LST	ASHRAE32
EM2Y50HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,42	130	4,5	IS010	$R_{SCR} - 15 \mu F$	LST	ASHRAE32
EM3U50HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,35	140	4,5	IS010	RSIR	LST	ASHRAE32
EMI60HEP	R-134a	100 V 50-60 Hz 1 ~	60 Hz	LBP	1/6	1,09	141	4,99	IS022	RSIR	LST	ASHRAE32
EMI60HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,06	144	4,99	IS022	RSIR-CSIR	LST	ASHRAE32
EMI60HEP	R-134a	100 V 50-60 Hz 1 ~	60 Hz	LBP	1/6	1,14	144	4,99	IS010	RSIR	LST	ASHRAE32

NEK2116Z	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/5	0,79	147	7,37	IS022	CSIR	HST	ARI4
EMU60HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,25	149	4,99	IS010	RSCR – μF 12	LST	ASHRAE32
EGD60HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,5	149	5,17	IS010	RSCR – μF 12	LST	ASHRAE32
EGD60HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,54	149	5,17	IS010	RSCR – μF 12	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,46	150	5,09	IS010	RSCR – μF 12	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,46	150	5,09	IS010	RSCR – μF 15	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,46	150	5,09	IS010	RSCR – μF 20	LST	ASHRAE32
EMY60HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,36	152	4,99	IS010	RSCR – μF 12	LST	ASHRAE32
EMYS60HEP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5+	1,29	153	5,19	IS010	RSCR – μF 12	LST	ASHRAE32
EMY60HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,27	154	4,99	IS010	RSIR	LST	ASHRAE32
EMY60HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6	1,34	154	4,99	IS010	RSCR – μF 12	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,48	154	5,09	IS010	RSCR – μF 12	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,48	154	5,09	IS010	RSCR – μF 15	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,48	154	5,09	IS010	RSCR – μF 20	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,51	154	5,09	IS010	RSCR – μF 12	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,51	154	5,09	IS010	RSCR – μF 15	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,51	154	5,09	IS010	RSCR – μF 20	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,52	154	5,09	IS07	RSCR – μF 12	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,52	154	5,09	IS07	RSCR – μF 15	LST	ASHRAE32
EGZS60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,52	154	5,09	IS07	RSCR – μF 20	LST	ASHRAE32
EGX60HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,53	154	5,09	IS010	RSCR – μF 12	LST	ASHRAE32
ONE 60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,4	154	5,09	IS010	RSIR	LST	ASHRAE32
ONE 60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,41	154	5,09	IS07	RSIR	LST	ASHRAE32
FF7,5HBK	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/5+	0,94	159	6,92	IS022	RSIR-CSIR	LST	ASHRAE32
EM2U60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,32	162	5,54	IS010	RSCR – μF 12	LST	ASHRAE32
EM2U60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,26	162	5,54	IS010	RSIR	LST	ASHRAE32
EMH60HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,27	163	5,19	IS07	RSIR	LST	ASHRAE32

EM3D60HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,58	163	5,19	IS010	RSCR – 12 μF	LST	ASHRAE32
EM3D60HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,58	163	5,19	IS010	RSCR – 15 μF	LST	ASHRAE32
EM65HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6+	0,99	164	5,54	IS010	RSIR-CSIR	LST	ASHRAE32
EM65HNR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/6+	0,98	164	5,54	IS022	RSIR-CSIR	LST	ASHRAE32
EM2Y60HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,44	165	5,54	IS010	RSCR – 12 μF	LST	ASHRAE32
EGD70HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,56	169	5,64	IS010	RSCR – 12 μF	LST	ASHRAE32
EM2Z60HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,48	170	5,54	IS010	RSCR – 12 μF	LST	ASHRAE32
EM2Z60HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,48	170	5,54	IS010	RSCR – 15 μF	LST	ASHRAE32
FFV6HAK	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,19	170	6,23	IS022	RSIR-CSIR	LST	ASHRAE32
FEE6HAK	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,07	171	6,23	IS022	RSIR-CSIR	LST	ASHRAE32
EMY70HER	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,21	171	5,72	IS010	RSIR-CSIR	LST	ASHRAE32
EMYE70HEP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,31	173	5,96	IS010	RSIR	LST	ASHRAE32
EMYE70HEP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,37	173	5,96	IS010	RSIR-RSCR – 12 μF	LST	ASHRAE32
EMYE70HEP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,37	173	5,96	IS010	RSIR-RSCR – 15 μF	LST	ASHRAE32
EMYE70HEP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5	1,3	173	5,96	IS010	RSIR	LST	ASHRAE32
EGAS70HLR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5+	1,29	174	5,56	IS010	RSIR	LST	ASHRAE32
FGS70HA	R-134a	100 V 50-60 Hz 1 ~	60 Hz	LBP	1/5+	1,32	174	6,36	IS010	RSCR – 20 μF	LST	ASHRAE32
EMX70HSC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/5+	1,44	175	5,96	IS010	RSCR – 12 μF	LST	ASHRAE32
EGX70HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,55	175	5,56	IS010	RSCR – 15 μF	LST	ASHRAE32
EGX70HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,56	175	5,56	IS010	RSCR – 12 μF	LST	ASHRAE32
EGX70HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,57	175	5,56	IS07	RSCR – 15 μF	LST	ASHRAE32
EGX70HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,58	175	5,56	IS07	RSCR – 12 μF	LST	ASHRAE32
EGZS70HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,54	175	5,56	IS07	RSCR – 12 μF	LST	ASHRAE32
EGZS70HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,54	175	5,56	IS07	RSCR – 15 μF	LST	ASHRAE32
EGZS70HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,54	175	5,56	IS07	RSCR – 20 μF	LST	ASHRAE32
ONE 70HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,43	175	5,56	IS010	RSIR	LST	ASHRAE32
ONE 70HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,44	175	5,56	IS07	RSIR	LST	ASHRAE32

ONE 70HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,39	176	5,56	IS010	RSIR	LST	ASHRAE32
FF8,5HBK	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	0,94	186	7,95	IS022	RSIR-CSIR	LST	ASHRAE32
FFU70HAK	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,29	189	6,36	IS010	RSIR-CSIR	LST	ASHRAE32
EM3Z70HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,5	189	5,96	IS010	RSCR – 12 μF	LST	ASHRAE32
EM3Z70HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,5	189	5,96	IS010	RSCR – 15 μF	LST	ASHRAE32
EM3D70HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,57	193	5,96	IS010	RSCR – 12 μF	LST	ASHRAE32
EM3D70HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,57	193	5,96	IS010	RSCR – 15 μF	LST	ASHRAE32
FFI7,5HAK	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,16	193	6,76	IS022	RSIR-CSIR	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,32	197	6,76	IS010	RSIR	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,32	197	6,76	IS010	RSCR – 12 μF	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,32	197	6,76	IS010	RSCR – 15 μF	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,46	199	6,76	IS010	RSCR – 12 μF	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,46	199	6,76	IS010	RSCR – 15 μF	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,42	199	6,76	IS010	RSIR	LST	ASHRAE32
EGUS80HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,38	203	6,36	IS010	RSIR	LST	ASHRAE32
EGD80HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,59	204	6,44	IS010	RSCR – 12 μF	LST	ASHRAE32
EGAS80HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,24	204	6,44	IS010	RSIR	LST	ASHRAE32
EGAS80HLR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,32	205	6,36	IS010	RSIR-CSIR	LST	ASHRAE32
EGX80HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,55	205	6,36	IS010	RSCR – 12 μF	LST	ASHRAE32
EM2Z80HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,51	205	6,76	IS010	RSCR – 12 μF	LST	ASHRAE32
EM2Z80HLT	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,51	205	6,76	IS010	RSCR – 15 μF	LST	ASHRAE32
ONE 80HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,44	207	6,36	IS010	RSIR	LST	ASHRAE32
EGX80HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,55	207	6,36	IS010	RSCR – 12 μF	LST	ASHRAE32
EGX80HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,57	207	6,36	IS010	RSCR – 15 μF	LST	ASHRAE32
EGX80HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,59	207	6,36	IS07	RSCR – 15 μF	LST	ASHRAE32
EGX80HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4	1,59	207	6,36	IS07	RSCR – 12 μF	LST	ASHRAE32
FFI8,5HAK	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,18	209	7,15	IS022	RSIR-CSIR	LST	ASHRAE32

FF10HBX	R-134a	115 V 60 Hz 1 ~	60 Hz	LBP	1/4+	0,98	212	9,04	IS022	CSIR	HST	ASHRAE32
EGUS90HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,42	234	7,15	IS010	RSIR	LST	ASHRAE32
ONE 90HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,45	236	7,15	IS010	RSIR	LST	ASHRAE32
EGAS90HLR	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/3-	1,37	236	7,15	IS010	RSIR-CSIR	LST	ASHRAE32
EGX90HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,58	239	7,15	IS07	RSCR – 15 μF	LST	ASHRAE32
EGX90HLC	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,58	239	7,15	IS07	RSCR – 12 μF	LST	ASHRAE32
EGZS90HLP	R-134a	115-127 V 60 Hz 1 ~	60 Hz	LBP	1/4+	1,54	239	7,15	IS07	RSCR – 12 μF	LST	ASHRAE32

Embraco/Embraco piston compression emu45hsc detailed parameters:

Refrigerant:	R-134a	Displacement (cm³):	3.77
Voltage:	220-240V 50-60Hz 1~	Lubricant category:	IS010
frequency(Hz):	50	Lubricating oil volume (ml):	160
application:	LBP	motor model:	RSCR
horsepower:	1/6	Starting torque:	LST
efficiency:	1.40	Test type:	ASHRAE32
Cooling capacity:	109		

Number: 513308034 513308056 513308063

Appearance

	shape	material	Dimensions (mm)
suction port	Slanted	Copper	6.50
exhaust port	Straight	Copper	4.94
Process interface	Straight	Copper	6.50
Oil cooler:			
Floor:	Universal EG/F/AMEM version 2		
bracket:	No		
Weight(kg):	7.74		

application

Maximum ambient temperature (°C):	43
Expansion device:	Capillary
cool down:	Straight cold
Air Velocity:	

mechanical data

Bill of Materials:	513308034
Starting torque:	low starting torque
Bore (mm):	19.00
Stroke(mm):	6.65
Weight(kg):	7.74

digital data

motor model:	RSCR
Wireset Resistance (25°C) – Startup (25°C) – Startup:	19.00
Cordset Resistance (26°C) – Operating (25°C) – Operating:	27.10

Check point – condensing temperature 54.4 °C

Evaporation temperature	Cooling capacity +/-5%			Energy consumption +/-5%	Now energy efficient +/-5%	Energy efficiency +/-7%		
°C	(kcal/h)	(IN)	(Btu/h)	(IN)	(A)	(kcal/Wh)	(W/W)	(Btu/Wh)
-23.3	94	109	372	75	0.36	1.25	1.46	4.98

Condensing temperature 45°C

Evaporation temperature	Cooling capacity +/-5%			Energy consumption +/-5%	Now energy efficient +/-5%	Gas flow rate +/-5%	Energy efficiency +/-7%		
°C	(kcal/h)	(IN)	(Btu/h)	(IN)	(A)	(kg/h)	(kcal/Wh)	(W/W)	(Btu/Wh)
-35	49	56	193	57	0.28	1.09	0.85	0.99	3.38
-30	74	86	293	64	0.30	1.66	1.16	1.35	4.60
-25	98	114	390	71	0.34	2.21	1.39	1.61	5.50
-20	125	145	496	79	0.38	2.82	1.59	1.84	6.29
-15	157	183	623	87	0.42	3.56	1.80	2.09	7.13
-10	197	229	783	97	0.47	4.49	2.04	2.37	8.10

Condensing temperature 55°C

Evaporation temperature	Cooling capacity +/-5%			Energy consumption +/-5%	Now energy efficient +/-5%	Gas flow rate +/-5%	Energy efficiency +/-7%		
°C	(kcal/h)	(IN)	(Btu/h)	(IN)	(A)	(kg/h)	(kcal/Wh)	(W/W)	(Btu/Wh)
-35	39	45	154	55	0.25	0.87	0.70	0.81	2.77
-30	62	72	247	63	0.29	1.40	0.99	1.15	3.92
-25	85	99	337	72	0.34	1.91	1.18	1.38	4.70
-20	110	127	435	81	0.39	2.47	1.35	1.57	5.35
-15	139	162	552	92	0.45	3.15	1.52	1.77	6.03
-10	177	206	702	103	0.50	4.02	1.72	2.00	6.82

Condensing temperature 65°C

Evaporation temperature	Cooling capacity +/-5%			Energy consumption +/-5%	Now energy efficient +/-5%	Gas flow rate +/-5%	Energy efficiency +/-7%		
°C	(kcal/h)	(IN)	(Btu/h)	(IN)	(A)	(kg/h)	(kcal/Wh)	(W/W)	(Btu/Wh)
-35	29	33	114	56	0.29	0.65	0.51	0.59	2.03
-30	51	60	204	64	0.33	1.15	0.80	0.93	3.16
-25	73	84	288	74	0.37	1.64	0.99	1.15	3.91
-20	96	111	380	84	0.41	2.16	1.14	1.32	4.52
-15	124	144	491	96	0.45	2.80	1.29	1.50	5.12
-10	159	185	632	109	0.48	3.62	1.47	1.71	5.82

Embraco/Embraco Piston Compression Product List:

model	Refrigerant	Voltage	frequency	application	horsepower	frequency/rotation	Cooling capacity	Displacement(cm³)	Lubricant category	motor model	starting torque	test type
EM2U80HLP	R-134a	115-127V 60Hz 1~	60Hz	LBP	1/4	1.70	232	6.76	IS010	RSCR-12µF	LST	ASHRAE32
EM2U80HLP	R-134a	115-127V 60Hz 1~	60Hz	LBP	1/4	1.70	232	6.76	IS010	RSCR-15µF	LST	ASHRAE32
EM2U80HLP	R-134a	115-127V 60Hz 1~	60Hz	LBP	1/4	1.65	232	6.76	IS010	RSIR	LST	ASHRAE32
EM2U80HLP	R-134a	220V 60Hz 1~	60Hz	LBP	1/4	1.67	232	6.76	IS010	RSCR-4µF	LST	ASHRAE32
EM2U80HLP	R-134a	220V 60Hz 1~	60Hz	LBP	1/4	1.61	232	6.76	IS010	RSIR	LST	ASHRAE32
EM2Z80HLT	R-134a	115-127V 60Hz 1~	60Hz	LBP	1.76	239	6.76	IS010	RSCR-12µF	LST	ASHRAE32	
EM2Z80HLT	R-134a	115-127V 60Hz 1~	60Hz	LBP	1.76	239	6.76	IS010	RSCR-15µF	LST	ASHRAE32	
EM20HHR	R-134a	220-240V 50-60Hz 1~	50Hz	HBP	1/12	2.51	246	2.27	IS022	RSIR-CSIR	LST	CECOMAF
EM20HBR	R-134a	115V 60Hz 1~	60Hz	HBP	1/12	2.37	289	2.27	IS022	RSIR	LST	ASHRAE32
EM20HHR	R-134a	220-240V 50-60Hz 1~	60Hz	HBP	1/12	2.48	292	2.27	IS022	RSIR-CSIR	LST	ASHRAE32
EM20HHR	R-134a	115-127V 60Hz 1~	60Hz	HBP	1/12	2.53	299	2.27	IS022	RSIR-CSIR	LST	ASHRAE32
EMIS20HHR	R-134a	115-127V 60Hz 1~	60Hz	HBP	1/12	2.49	308	2.27	IS022	RSIR-CSIR	LST	ASHRAE32
EMIS20HHR	R-134a	220V 60Hz 1~	60Hz	HBP	1/12	2.37	308	2.27	IS022	RSIR-CSIR	LST	ASHRAE32



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Category: compressor

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Mbsm.pro, Files, Docx, COMPRESSOR EQUIVALENCE, r12

Category: Files

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COMPRESSOR EQUIVALENCE

IDENTIFY YOUR COMPRESSORS

CODE

DESCRIPTION

T AJ 4 5 19 Z H R

Group description

T AJ 4 5 19 Z

Compressor description

R

No letter = welding valve
Letter R = with bottle

H

H = high induction pressure (-15°C à +15°C)
B = low induction pressure (-40°C à -10°C)
M = medium and high induction pressure (-25°C à +15°C)

Z

A, B, or D = refrigerant R12
C = refrigerant R407
E, F, G or H = refrigerant R22
J, K, L = refrigerant R502
T = refrigerant R22 or R502
Y = refrigerant R134A
Z = refrigerant R404A or R407B or R507

19

Corresponds to the first refrigeration power numbers expressed in BTU/h at 60Hz
Example : 19 preceded by the number 5 means 19 000 BTU/h

5

Number of figures composing the refrigeration power
Example : 19 000 BTU/h

4

Applications
1 = Low vaporization pressure. Engine with standard start-up torque
2 = Low vaporization pressure. Engine with start-up torque
3 = High vaporization pressure. Engine with standard start-up torque
4 = High vaporization pressure. Engine with start-up torque
5 = Air conditioning
9 = Medium and high vaporization pressure. Engine with high start-up torque
0 = Medium and high vaporization pressure. Engine with high standard start-up torque

AJ

Family : TH-AZ-AEZ-AE-AJ-FH-AH-AN-RK-RGA
P designates compressors intended for parallel disassembly
Ex : TANP, TAGR, TANP
D designates compressors mounted in 'couple'
S designates single-propeller condensation groups
C or noletter = single-phased
T = tri-phased

T

R12-POWERED LOW PRESSURE COMPRESSORS

Hermetic Unit

CV

Aspera

Danfoss

Necchi

Uninad

Zanussi

DKK

AE1227

1/12

A1055

TL3A

M3,5

D30AS

E30601

KH0,63N06

AZ1335D

1/8

A1075

TL4A

M4

D36AS

E44101

KH0,75N07

AZ1355D

1/6

A1111

TL5A

M5

L55A

V1040G

MH1,0N12

AE21360A

1/5

B1112

FR7,5A

M7

L76A

V1350E

MH1,25N12

AE21380A

1/4

A1118

FR10A

M9

L88

E88102

MH1,6H15

AE1410A

1/3

E1121

FR11A

M11

P12

MH2,0H15

AE1412A

3/8

T1124

SC15A

M13

P14

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R12-POWERED HIGH PRESSURE COMPRESSORS

Hermetic Unit

CV

Aspera

Danfoss

Necchi

Uninad

DKK

AZ9387

1/6

A5132

FR6BX

M4H

AE65ZA7

CAE592F9

1/5

A5160

FR8,5B

M7H

L57PX

MH1,25N18

CAE4440A

1/3

E6185

SC10B

P14TY

CAJ4452A

3/8

E6187

SC12B

CAJ4461A

1/2

T6213

SC15B

CAJ2P

CAJ4492A

3/4

J6220

SC21B

CAJ4511A

1

J6226

CAH4518A

1,5

H6238

CAH4525A

2

H6253

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