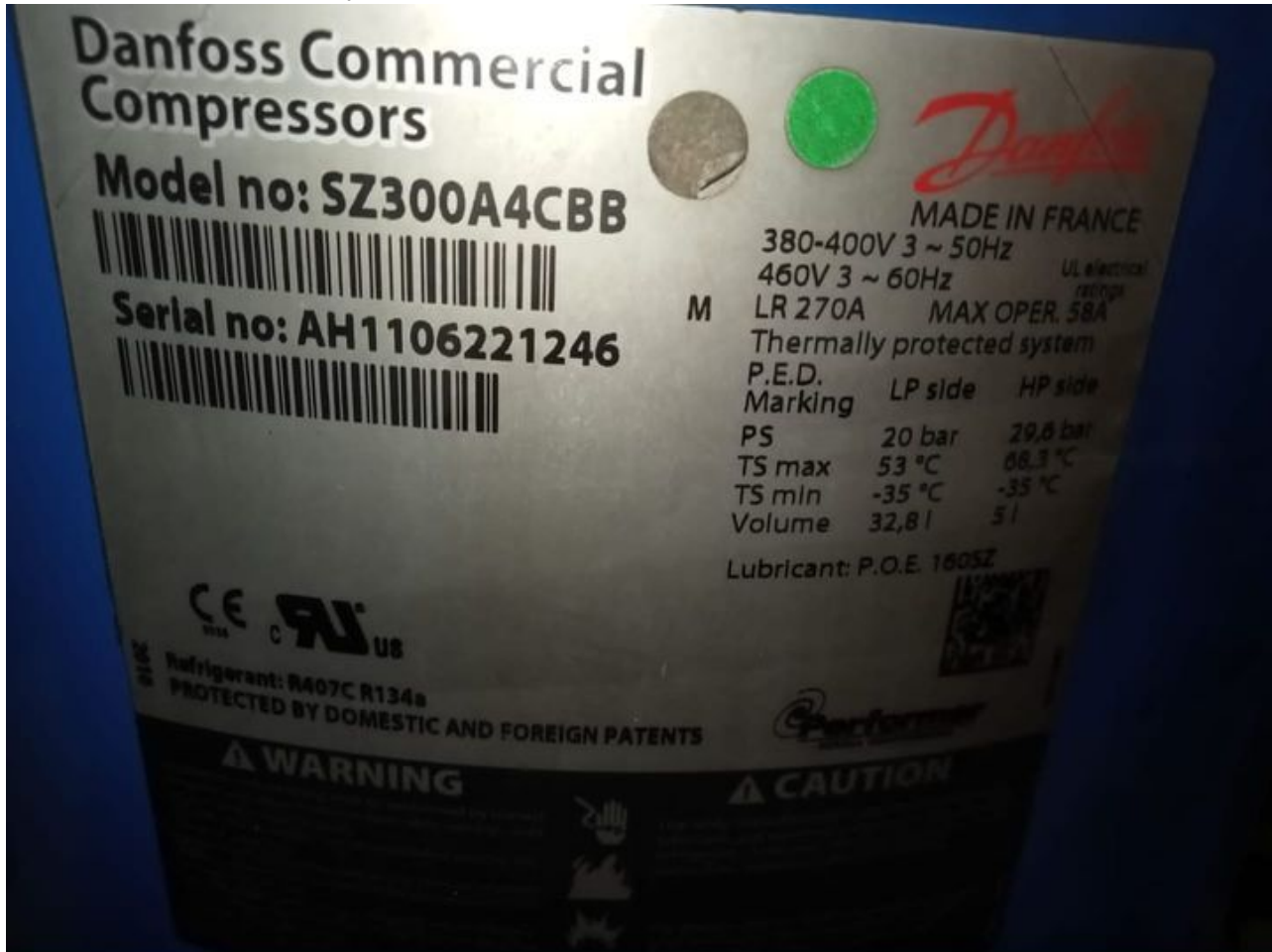


Mbsm.pro, Compressor, Danfoss, SZ300A4cbb, 25 hp, 72800 W, 248300 Btu/h, R407C, 400v/3/50hz 460v/3/60hz

Category: air conditioner, Archivation, Chaud&Froid
 written by Lilianne | 14 April 2022



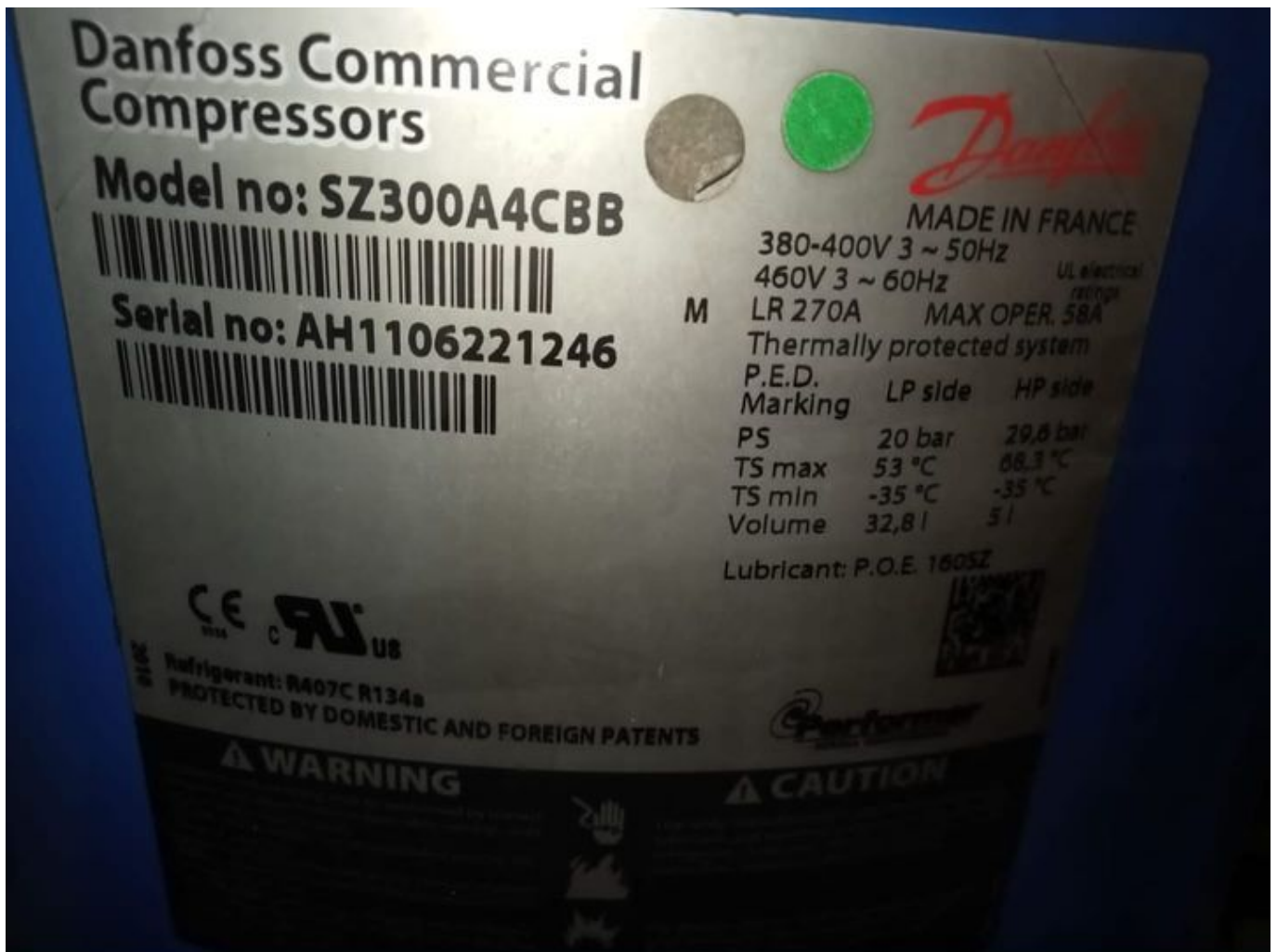
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Product Introduction:

Item	Refrigeration scroll compressor
Model	SZ300A4CBB
	Performer
Power	380-420V/3/50Hz
Displacement	76.10 m3/h
Capacity	248.3 kBtu/h
COP	3.20 W/W
Package	4 pcs/pallet
Application	Air conditioning, HVAC system

Model	Nominal cooling capacity	Nominal cooling capacity	Input Power	COP	E.E.R.	Exhaust volume	Displacement	Oil Weight		
	TR	W	Btu/h	kw	W/W	Btu/W	cm3/rev	m3/h	dm3	kg

	SZ084 7	19300	66000	6.13	3.15	10.7	114.5	19.92	3.3	64
	SZ090 7.5	20400	69600	6.45	3.16	10.8	120.5	20.97	3.3	65
	SZ100 8	21600	73700	6.84	3.15	10.8	127.2	22.13	3.3	65
	SZ110 9	24600	84000	7.76	3.17	10.8	144.2	25.09	3.3	73
	SZ115 9.5	26900	91700	8.49	3.16	10.8	155.0	26.97	3.8	78
	SZ120 10	28600	97600	8.98	3.18	10.9	166.6	28.99	3.3	73
	SZ125 10	28600	97500	8.95	3.19	10.9	166.6	28.99	3.8	78
R407C	SZ148 12	35100	119800	10.99	3.19	10.9	199.0	34.60	3.6	88
	SZ160 13	38600	131800	11.77	3.28	11.2	216.6	37.69	4.0	90
	SZ161 13	37900	129500	11.83	3.21	10.9	216.6	37.69	3.6	88
	SZ175 14	40100	136900	12.67	3.17	10.8	233.0	40.54	6.2	100
	SZ185 15	43100	147100	13.62	3.16	10.8	249.9	43.48	6.2	100
	SZ240 20	59100	201800	18.60	3.18	10.9	347.8	60.50	8.0	150
	SZ300 25	72800	248300	22.70	3.20	10.9	437.5	76.10	8.0	157
	SZ380 30	89600	305900	27.60	3.25	11.1	531.2	92.40	8.4	158



60 Hz data

Model	Nominal Cap. 60 Hz	Nominal cooling capacity		Power input	COP	E.E.R.	Swept volume	Displacement ①	Oil charge	Net weight ②	
	TR	W	Btu/h	kW	W/W	Btu/h /W	cu.in/rev	cu.ft/h	oz	lbs	
R22 SINGLE	SM084	7	24 600	84 000	7.38	3.34	11.4	6.99	849	112.08	141
	SM090	7.5	26 400	90 000	7.82	3.37	11.5	7.35	894	112.08	143
	SM100	8	27 500	94 000	8.14	3.38	11.5	7.76	943	112.08	143
	SM110	9	31 600	107 800	9.35	3.38	11.5	8.80	1069	112.08	161
	SM112	9.5	34 000	116 100	9.62	3.53	12.05	9.25	1124	112.08	141
	SM115	9.5	33 700	115 200	10.08	3.35	11.4	9.46	1149	129.06	172
	SM120	10	36 700	125 300	10.80	3.40	11.6	10.17	1236	112.08	161
	SM124	10.5	37 700	128 800	10.59	3.56	12.2	10.34	1257	112.08	141
	SM125	10	37 000	126 400	10.99	3.37	11.5	10.17	1236	129.06	172
	SM147	12	43 600	148 600	12.18	3.58	12.2	11.81	1435	112.08	148
	SM148	12	43 800	149 500	13.01	3.37	11.5	12.14	1476	122.26	194
	SM160	13	47 700	163 000	14.22	3.36	11.5	13.22	1606	135.85	198
	SM161	13	47 600	162 600	14.07	3.39	11.5	13.22	1606	122.26	194
	SM175	14	51 100	174 300	15.27	3.34	11.4	14.22	1728	210.57	220
	SM/SY185	15	54 300	185 400	16.22	3.35	11.4	15.25	1853	210.57	220
	SY240	20	74 100	252 700	22.10	3.35	11.4	21.22	2578	271.70	331
	SY300	25	94 500	322 500	27.50	3.43	11.7	26.70	3245	271.70	346
R407C SINGLE	SZ084	7	22 500	76 900	7.06	3.19	10.9	6.99	849	112.08	141
	SZ090	7.5	24 400	83 300	7.63	3.20	10.9	7.35	894	112.08	143
	SZ100	8	26 500	90 500	8.18	3.24	11.0	7.76	943	112.08	143
	SZ110	9	30 100	102 800	9.29	3.24	11.1	8.80	1069	112.08	161
	SZ115	9.5	32 800	112 000	10.22	3.21	10.9	9.46	1149	129.06	172
	SZ120	10	34 800	118 900	10.75	3.24	11.1	10.17	1236	112.08	161
	SZ125	10	34 900	119 200	10.89	3.21	10.9	10.17	1236	129.06	172
	SZ148	12	42 600	145 400	13.35	3.19	10.9	12.14	1476	122.26	194
	SZ160	13	45 500	155 400	14.08	3.23	11.0	13.22	1606	135.85	198
	SZ161	13	46 000	156 900	14.32	3.21	10.9	13.22	1606	122.26	194
	SZ175	14	48 700	166 200	15.28	3.19	10.9	14.22	1728	210.57	220
	SZ185	15	51 800	176 800	16.43	3.15	10.7	15.25	1853	210.57	220
	SZ240	20	71 100	242 800	22.70	3.14	10.7	21.22	2578	271.70	331
	SZ300	25	87 900	300 000	27.49	3.20	10.9	26.70	3245	271.70	346
	SZ380	30	107 400	366 400	33.50	3.20	11.0	32.42	3941	285.28	348