

# Mbsm.pro, Compressor, Samsung, HK6A3C2W, R134a, 1/3 hp++, 690 w , hbp, SDxx-SKxx-HKxx Series

written by Lilianne | 25 May 2023

VOLTAGE	MODEL	TYPE	[V-Hz]	ASHRAE CONDITIONS (HBP)				EFF		EER		TYPE
				Kcal/Hr	Watt	BTU/Hr	W	Kcal/W/hr	W/W	BTU/W/hr	BTU/W/hr	
AC 100V-50/60Hz	SD652E-S2W2	CSR	100-50	450	523	1,787	230	1.96	2.28	7.77	FC	
			100-60	550	640	2,184	262	2.10	2.44	8.33		
	HK690E2W	CSR	100-50	780	907	3,097	390	2.00	2.33	7.94	FC	
			100-60	950	1,105	3,772	445	2.13	2.48	8.48		
	HK6A3E2W	CSR	100-50	1,221	1,453	4,169	577	1.82	2.12	7.22	FC	
			100-60	1,250	1,453	4,963	644	1.94	2.26	7.71		
AC 115V-60Hz	SD643C-H2U2	RSCR	115-60	450	523	1,787	220	2.05	2.38	8.12	FC	
	SD652C-H2U2	RSCR	115-60	550	640	2,184	262	2.10	2.44	8.33	FC	
	SK670C-H2Y	RSIR	115-60	720	837	2,858	390	1.85	2.15	7.33	FC	
	SK682C-H2Y	RSIR	115-60	830	965	3,295	460	1.80	2.10	7.16	FC	
	SK6A1C-H2Y	RSIR	115-60	1,080	1,256	4,288	630	1.71	1.99	6.81	FC	
	HK672C2Z	RSIR	115-60	750	872	2,978	370	2.03	2.36	8.05	FC	
	HK680C2Z	RSIR	115-60	850	988	3,375	430	1.98	2.30	7.85	FC	
	HK690C2Z	RSIR	115-60	950	1,105	3,772	490	1.94	2.25	7.70	FC	
	HK6A1C2U	RSCR	115-60	1,090	1,267	4,327	545	2.00	2.33	7.94	FC	
	HK6A3C2W	CSR	115-60	1,250	1,453	4,963	690	1.81	2.11	7.19	FC	
AC 220V-60Hz	SD643B-H2U2	RSCR	220-60	450	523	1,787	220	2.05	2.38	8.12	FC	
	SD643B-H2UB	RSCR	220-60	480	558	1,906	238	2.02	2.35	8.01	FC	
	SD652B-S2W2	CSR	220-60	550	640	2,184	255	2.16	2.51	8.56	FC	
	SD652B-H2UB	RSCR	220-60	570	663	2,263	270	2.11	2.45	8.38	FC	
	SK670B-H2U	RSCR	220-60	720	837	2,858	330	2.18	2.54	8.66	FC	
	SK682B-H2U	RSCR	220-60	830	965	3,295	405	2.05	2.38	8.14	FC	
	SK6A1B-S2W	CSR	220-60	1,080	1,256	4,288	560	1.93	2.24	7.66	FC	
	HK672B2Z	RSIR	220-60	750	872	2,978	370	2.03	2.36	8.05	FC	
	HK680B2Z	RSIR	220-60	850	988	3,375	430	1.98	2.30	7.85	FC	
	HK690B2Z	RSIR	220-60	950	1,105	3,772	490	1.94	2.25	7.70	FC	
	HK6A1B2W	CSR	220-60	1,090	1,267	4,327	520	2.10	2.44	8.32	FC	
	HK6A3B2W	CSR	220-60	1,250	1,453	4,963	650	1.92	2.25	7.63	FC	
AC 220-240V-50Hz	SD643Q-H2Z2	RSIR	230-50	370	430	1,469	197	1.88	2.18	7.46	FC	
	SD652Q-H2Z2	RSIR	230-50	450	523	1,787	220	2.05	2.38	8.12	FC	
	SK670Q-H2S	CSIR	230-50	600	698	2,382	310	1.94	2.25	7.68	FC	
	SK670Q-H2Z	RSIR	230-50	595	692	2,362	310	1.92	2.23	7.62	FC	
	SK682Q-H2Z	RSIR	230-50	700	814	2,779	365	1.92	2.23	7.61	FC	
	SK6A1Q-S2S	CSIR	230-50	900	1,047	3,573	480	1.88	2.18	7.44	FC	
	HK672Q2Z	RSIR	220-50	610	709	2,422	305	2.00	2.33	7.94	FC	
	HK680Q2Z	RSIR	220-50	700	814	2,779	350	2.00	2.33	7.94	FC	
	HK690Q2Z	RSIR	220-50	780	907	3,097	380	2.05	2.39	8.15	FC	
	HK6A1Q2Z	RSIR	220-50	910	1,058	3,613	465	1.96	2.28	7.77	FC	
HK6A3Q2Z	RSCR	220-50	1,050	1,221	4,169	535	1.96	2.28	7.79	FC		

**COOLING TYPE**  
FC : Fan cooling  
OC : Oil cooling

**MOTOR TYPE**  
RSIR : Resistance Start Induction Run  
RSCR : Resistance Start Capacitor Run

**ASHRAE CONDITIONS (HBP)**  
Evaporating Temp. : 7.2°C (45°F)  
Condensing Temp. : 54.4°C (130°F)

**UNIT CONVERSION TABLE**  
1 watt = 3.41 Btu/Hr  
1 watt = 0.86 Kcal/Hr

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