1/5HP, Refrigerator, Samsung, Compressor, R134A, 220-240V, SD162Q-L1UA, PTC-RSCR, 6.16CC

Category: compressor
written by www.mbsm.pro | 19 December 2020

Picture Copyright: WWW.MBSM.PRO

Picture Copyright: WWW.MBSM.PRO

Model No.: SD162Q-L1UA
Test condition: ASHARE
Evaporating Temperature: -23.3° C
Condensing Temperature: 54.4° C
Displacement: 6.16CC/ Rev
Oil: 180CC
Motor type: PTC-RSCR
Nominal voltage range: 187V~276V at 50Hz
Characteristics:
1. Strong load capacity
2. High efficiency & reliability
3. Reliable starting performance
4. Low noise
v id=”StyleTableProd”>
Mbsm_dot_pro_private_PDF_qdoc.tips_catalogo-compresores-samsungpdfTélécharger

SAMSUNG COMPRESSORS

R134a LBP compressors

ASHRAE CONDITIONS (LBP)
Evaporating Temp: -23.3°C (-10°F)
Condensing Temp: 54.4°C (130°F)
Gas Superheated to: 32.2°C (90°F)
Liquid sub-cooled to: 32.2°C (90°F)
Ambient Temp.: 32.2°C (90°F)

COOLING TYPE
FC : Fan cooling
OC : Oil cooling

UNIT CONVERSION TABLE
W x 0.86 = Kcal/Hr
W x 3.415 = BTU

Kcal/Hr x 1.163 = W
Kcal/Hr x 3.968 = BTU

BTU x 0.252 = Kcal/Hr
BTU x 0.293 = W

RATED VOLTAGE	MODEL	VOLTAGE VOLT-HZ	MOTOR TYPE	DISPL. (cc)	HEIGHT (mm)	ASHRAE COOLING CAPACITY -23.3 °C Kcal/Hr	ASHRAE COOLING CAPACITY -23.3 °C Watt	ASHRAE COOLING CAPACITY -23.3 °C BTU/Hr	ASHRAE POWER INPUT W	ASHRAE EFFICIENCY (-23.3 °C) EFF Kcal/WHr	ASHRAE EFFICIENCY (-23.3 °C) COP W/W	ASHRAE EFFICIENCY (-23.3 °C) EER BTU/Whr	COOLING TYPE
AC 110V/50-60Hz	CD124E-L1Z2	100-50	RSIR	2.40	157	43	50	171	68	0.63	0.74	2.51	ST
		100-60				52	60	206	68	0.76	0.89	3.04	
	CD130E-L1Z2	100-50	RSIR	2.93	157	58	67	230	76	0.76	0.89	3.03	ST
		100-60				70	81	278	79	0.89	1.03	3.52	
	SD137E-L1U2	100-50	RSCR	3.71	166	72	84	286	91	0.79	0.92	3.14	ST
		100-60				87	101	345	99	0.88	1.02	3.49	
	SD152E-L1W2	100-50	CSR	5.21	171	117	136	464	111	1.05	1.23	4.18	ST
		100-60				135	157	536	121	1.12	1.30	4.43	
	SD162E-L1W2	100-50	CSR	6.16	175	144	168	572	141	1.02	1.19	4.06	ST
		100-60				170	198	676	147	1.16	1.35	4.60	
	DD137-L1U2	100-50	RSCR	3.71	166	80	93	317	85	0.94	1.09	3.73	ST
		100-60				96	111	380	99	0.97	1.12	3.84	
	MD152E-L1U2	100-50	RSCR	5.21	171	118	137	468	103	1.15	1.33	4.55	ST
		100-60				143	166	568	118	1.21	1.41	4.81	
	MD162E-L1U2	100-50	RSCR	6.16	175	143	166	568	116	1.23	1.43	4.89	ST
		100-60				182	212	723	141	1.29	1.50	5.12	
	SK170E-L2W	100-50	CSR	6.99	189	168	195	667	149	1.13	1.31	4.48	FC
		100-60				206	240	818	170	1.21	1.41	4.81	
	SK182E-L2W	100-50	CSR	8.19	189	203	236	806	188	1.08	1.26	4.29	FC
		100-60				239	278	950	196	1.22	1.42	4.85	
	DK182E-L2U	100-50	RSCR	8.19	189	203	236	806	161	1.26	1.47	5.01	FC
		100-60				256	298	1016	191	1.34	1.56	5.32	
	DK190E-L2U	100-50	RSCR	9.07	189	230	267	913	180	1.28	1.49	5.07	FC
		100-60				280	326	1112	209	1.34	1.56	5.32	
	MK172E-L2U	100-50	RSCR	7.21	189	181	210	719	140	1.29	1.50	5.13	ST
		100-60				226	263	897	162	1.40	1.62	5.54	

Samsung compressors are imported in Europe by: Procold S.r.l. - Italy
www.samsung-compressors.com www.procold.it

Private Picture Copyright : WWW.MBSM.PRO

1/5HP Refrigerator Compressor R134A 220-240V

Price :	US $ 28/ Piece
Payment Terms :	L/C, T/T, Western Union
Trade Terms :	FOB
Production Capacity :	6, 000, 000PCS/ Year
Packing Details :	by Pallet
Refrigerant Gas :	R134A
Main Markets :	Global
Place of Origin :	china
Category :	Refrigerators

Private Picture Copyright : WWW.MBSM.PRO

Model No.: SD162Q-L1UA

Test condition: ASHARE

Evaporating Temperature: -23.3° C

Condensing Temperature: 54.4° C

Displacement: 6.16CC/ Rev

Oil: 180CC

Motor type: PTC-RSCR

Nominal voltage range: 187V~276V at 50Hz

Characteristics:

1. Strong load capacity
2. High efficiency & reliability
3. Reliable starting performance
4. Low noise

v id="StyleTableProd">

Private Picture Copyright : WWW.MBSM.PRO

Rated voltage	Item No.	Description	ASHARE					Cooling Type	Motor Type
			Capacity at 50Hz		COP (W/W) at 50Hz	Current (A) at 50Hz	Power Input (W)		
			W	Btu					
AC 220-240V/ 50Hz	MSA141Q-S1A	Refrigerator Compressor R134a LBP	122	416	1.27	0.67	96	Static	PTC-RSIR
	MSA143Q-S1Z		112	381	1.34	0.69	83	Static	PTC-RSIR
	SD151Q-L1UB		140	478	1.27	0.52	110	Static	RSCR
	SD162Q-L1UA		170	580	1.36	0.59	125	Static	PTC-RSCR
	MSA170Q-L1B		201	686	1.56	0.63	129	Static	RSCR
AC 200-220V/ 50Hz or 220V/ 60Hz	SD152H-S1UB	Refrigerator Compressor R134a LBP	134	457	1.17	0.66	114	Static	RSCR
	SD162H-L1UB		170	580	1.22	0.82	139	Static	PTC-RSCR
	MSA170H-L1B		201	686	1.43	0.87	141	Static	RSCR

Private Picture Copyright : WWW.MBSM.PRO

MK 1 62 Q - L 1 U A
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

1) Compressor model identification

	NUMBER	MEANING
①	Series	CD, SD, MD, SK, MK, HK, MSS, MSA, MSE, ENV, MKV, MSV
②	Refrigerant	1 : R 134a (LBP) 4 : R 600a (LBP) 6 : R 134a (HBP)
③	Displacement (cc/Rev.) x 10	24 : 2.40cc, 30 : 2.93cc, 37 : 3.71cc, 43 : 4.38cc, 50 : 5.21cc, 51 : 5.12cc, 52 : 5.21cc, 60 : 6.16cc, 62 : 6.16cc, 70 : 6.99cc, 72 : 7.21cc, 80 : 8.19cc, 82 : 8.19cc, 83 : 8.19cc, 88 : 8.80cc, 90 : 9.07cc, A1 : 10.68cc, A2 : 12.13cc, A3 : 12.52cc, A5 : 15.32cc
④	Rated voltage and frequency	B : 220V ~ 60Hz C : 115V ~ 60Hz D : 115-127V ~ 60Hz E : 100V ~ 50/60Hz G : 220-240V ~ 50Hz, 220V ~ 60Hz H : 200-220V ~ 50Hz, 220V ~ 60Hz K : 200-220V ~ 50Hz P : 127V ~ 60Hz Q : 220-240V ~ 50Hz A : variable for BLDC
⑤	Application	L/R/S : Low Back Pressure H : High Back Pressure
⑥	Cooling type	0 : Oil cooling 1 : Static 2 : Fan cooling
⑦	Motor type	B/C/X : BLDC S : PTC or Current-CSIR U : PTC-RSCR (Optional RSIR) W : PTC-CSR Y : Current-RSIR Z : PTC-RSIR
⑧	Option	

Private Picture Copyright : WWW.MBSM.PRO

AC 220-240V~50Hz, 220V~60Hz	MSS151G-L1U	RSCR	220-50	125	145	496	90	1.39	1.61	5.51	ST
			220-60	152	177	603	107	1.42	1.65	5.64	
	MSA151G-L1B	RSCR	220-50	125	145	496	96	1.30	1.51	5.17	ST
			220-60	152	177	603	114	1.33	1.55	5.29	
	MSA162G-L1B	RSCR	220-50	151	176	599	119	1.27	1.48	5.04	ST
			220-60	187	217	742	140	1.34	1.55	5.30	
	MSS170G-L1U	RSCR	220-50	178	207	707	124	1.44	1.67	5.70	ST
			220-60	222	258	881	151	1.47	1.71	5.84	
	MK183G-L2U	RSCR	220-50	203	236	806	149	1.36	1.58	5.41	FC
			220-60	258	300	1024	179	1.44	1.68	5.72	
	MK190G-L2U	RSCR	220-50	225	262	893	168	1.34	1.56	5.32	FC
			220-60	285	331	1131	200	1.43	1.66	5.66	
AC 220-240V~50Hz	CD124Q-L1Z2	RSIR	220-50	43	50	171	57	0.75	0.88	2.99	ST
	CD130Q-L1Z2	RSIR	220-50	58	67	230	65	0.89	1.04	3.54	ST
	CD130Q-S1ZA	RSIR	220-50	58	67	230	74	0.78	0.91	3.11	ST
	CD137Q-S1U2	RSCR	220-50	72	84	286	80	0.90	1.05	3.57	ST
	SD137Q-L1ZB	RSIR	220-50	75	87	298	86	0.87	1.01	3.46	ST
	SD137Q-L1UB	RSCR	220-50	75	87	298	80	0.94	1.09	3.72	ST
	SD143Q-L1U2	RSCR	220-50	95	110	377	99	0.96	1.12	3.81	ST
	MSA143Q-S1Z	RSIR	220-50	96	112	381	83	1.16	1.34	4.59	ST
	SD152Q-L1UB	RSCR	220-50	120	140	476	104	1.15	1.34	4.58	ST
	MD152Q-L1U2	RSCR	220-50	118	137	468	98	1.20	1.40	4.78	ST
	SD162Q-L1UB	RSCR	220-50	146	170	580	125	1.17	1.36	4.64	ST

Private Picture Copyright : WWW.MBSM.PRO