

Mbsm.pro, Compressor, Mk172Q-L2U, 1/4
Hp, 205 W, 699 BTu/H, Samsung
Compressor, Mk Serie, R134A, 7.21 cc,
220-240 v, LBP, Static Compressor,
RSIR

Category: compressor

written by Lilianne | 7 February 2022



RATED VOLTAGE	MODEL	MOTOR TYPE	VOLTAGE [V-Hz]	COOLING CAPACITY			INPUT W	EFFICIENCY			COOLING TYPE
				Kcal/Hr	Watt	BTU/Hr		EFF Kcal/WHr	COP W/W	EER BTU/WHr	
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
	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
	NC1A37QLB	RSCR	220-50	90	105	357	80	1.13	1.31	4.47	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
	MK162Q-L1UA	RSCR	220-50	145	169	576	105	1.38	1.61	5.48	ST
	MSS162Q-L1U	RSCR	220-50	151	176	599	105	1.44	1.67	5.71	ST
	MSA162Q-L1G	RSCR	220-50	151	176	599	111	1.36	1.58	5.40	ST
	SK170Q-L1U	RSCR	220-50	168	195	667	141	1.19	1.39	4.73	ST/OC
	MSA170Q-L1B	RSCR	220-50	173	201	687	129	1.34	1.56	5.32	ST
	MSA170Q-L1G	RSCR	220-50	173	201	687	126	1.37	1.60	5.45	ST
	MK172Q-L2UB	RSCR	220-50	176	205	699	129	1.36	1.59	5.42	FC
	SK182Q-L2U	RSCR	220-50	203	236	806	164	1.24	1.44	4.91	FC/OC
	MK183Q-L2UB	RSCR	220-50	203	236	806	142	1.43	1.66	5.68	FC
	SK190Q-L2U	RSCR	220-50	227	264	901	180	1.26	1.47	5.01	FC/OC
	MK190Q-L2U	RSCR	220-50	225	262	893	157	1.43	1.67	5.69	FC
	SK1A1Q-L2UB	RSCR	220-50	275	320	1,092	229	1.20	1.40	4.77	FC
	CD124K-S1ZA	RSIR	220-50	42	49	167	71	0.59	0.69	2.35	ST
	CD130K-S1ZA	RSIR	220-50	58	67	230	79	0.73	0.85	2.91	ST

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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 : R134a (LBP) 4 : R600a (LBP) 6 : R134a (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

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