

www.mbsm.pro , ZEL , COMPRESSEUR , R134a , 1/4 HP , GUY75AA

Category: Solutions, Tester ok

written by www.mbsm.pro | 29 December 2018



PictureS Mbsm Dot Pro : www.mbsm.pro

Compresseur frigorifique

Puissance en cheval 1/4 CV
Alimentation 220-240 V 50 Hz
Gaz R134a

www.mbsm.pro , TLES7FT.4 ,
COMPRESSORE SECOP ,TLES7FT.4 4707,
R134a , LBP ,1/4 hp/60hz, 1/5 hp/50hz
, 1ph ,Danfoss,4707, compressors
,medium temperature, Kiriazi 335l

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www.mbsm.pro , TLES7FT.4 , COMPRESSORE SECOP ,TLES7FT.4 , R134a , LBP ,Danfoss
compressors ,medium temperature, HMBP

Mbsm.pro , Compressor ESC 8.5, R134a,

Necchi (530591) , 1/5 Hp ,159 w

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written by Jamila | 29 December 2018



PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro , Compressor ESC 8.5, R134a, Necchi (530591) , 1/5 Hp ,159 w

	Motore	cm ³	Volt	Watt -10°C	Watt -30°C	
RIB5150	A9EV – R22 – 3/8 – LBP	CSR	9,29	220	642	
RIB5160	A11EV – R22 – 1/2 Hp – LBP	CSR	11,11	220	781	
RIB5350	A13EV – R22 – 5/8 Hp – LBP	CSR	13,35	220	967	
RIB5450	N17EV – R22 – 3/4 Hp – LBP	CSR	17,52	220	1221	
RIB5550	N21EV – R22 -1- Hp LBP	CSR	20,68	220	1464	
RIB5650	N23EV – R22 – 1,2 Hp – LBP	CSR	23,18	230	1616	
RIB7104	NB4 COMPRESS. R12 24V. FRAMEC 1/8 =					
RIB7108	NB8 COMPRESS. R12 24V.FRAMEC 175w.=					
RIB7113	NB13HP COMPRESS.R12 24V.FRAMEC 1/3=					
RIBB010	ETR 3 – R134A – 1/12 Hp – LBP	RSIR	3,00	220	127	
RIBB020	ETR 3,5 HP 1/10 R134A – LBP	RSIR	3,50	220	156	
RIBB030	ETR 4 HP 1/8 R134A – LBP	RSIR	4,10	220	179	
RIBB040	ETR 5 – R134a – HP 1/6 – LBP	RSIR	5,12	220	231	
RIBB050	ETR5,5 – R134a – 1/6 Hp – LBP	RSIR	5,55	220	257	
RIBB080	ESC5 – R134a – 1/6 Hp – LBP	RSIR	5,12	220	222	
RIBB100	ESC7 – R134a – 1/5 Hp – LBP	RSIR	7,00	220	307	
RIBB110	ESC8 – R134a – 1/5 Hp – LBP	RSIR	7,75	220	358	
RIBB130	ESC9 – R134a – 1/4 Hp – LBP	RSIR	9,07	220	424	
RIBB140	ESC11 – R134a – 1/3 Hp – LBP	RSIR	10,63	220	501	
RIBB200	ESC4H – R134a – 1/8 Hp – LBP	RSIR	4,10	220	177	
RIBB400	ESR 7 – R134a – 1/5 Hp – LBP	RSIR	7,00	220	307	
RIBB410	ESR 8 – R134a – 1/5 Hp – LBP	RSIR	7,75	220	358	
RIBB430	ESR 9 – R134a – 1/4 Hp – LBP	RSIR	9,07	220	424	
RIBB440	ESR11 – R134a – 1/3 Hp – LBP	RSIR	10,63	220	501	
RIBE040	TN17EV – R404 – 3/4 Hp – LBP	CSR	17,52	220		565
RIBE050	TN21EV – R404 – 1 Hp – LBP	CSR	20,68	220		644
RIBE060	TN23EV – R404 – 1,2 Hp – LBP	CSR	23,18	220		726
RIBT999	COMPRESSORE ELECTROLUX DESCR.BOLLA					



neue Type	Vorläufer Type	Kältemittel	Bereich	1)Betrieb	2)Leistungs-aufnahme Watt	3)Strom-aufnahme A	4)Öl-füllung cm ³	Bestell-Nr.
mit Esterölfüllung								
*ETR 3	-	R134a	LBP	K	68	0,55	185	*230.051
*ETR 3,5	-	R134a	LBP	K	81	0,58	185	*230.053
*ETR 4	-	R134a	LBP	K	89	0,64	185	*230.055
*ETR 5	-	R134a	LBP	K	109	0,76	185	*230.057
*ETR 5,5	-	R134a	LBP	K	118	0,80	185	*230.059
*ESR 7	ESC 7	R134a	LBP	K	127	0,83	220	*230.073
*ESR 8	ESC 8	R134a	LBP	K	149	1,00	220	*230.075
*ESR 8,5	ESC 8,5	R134a	LBP	K	159	1,07	220	*230.077
*ESR 9	ESC 9	R134a	LBP	K	177	1,20	220	*230.079
*ESR 11	ESC 11	R134a	LBP	K	215	1,62	220	*230.081
ETR 4H	ES(C)R4H	R134a	HBP	K	187	1,13	185	-
ETR 5H	ES(C)R5H	R134a	HBP	K	231	1,30	185	-
ESR 7H	ESC 7H	R134a	HBP	K	288	1,61	220	-
ESR 9H	ESC 9H	R134a	HBP	K	396	2,31	220	-
ESR 11H	ESC 11H	R134a	HBP	K	472	2,64	220	-
TA 13 EV	-	R404A	LBP	K/E	463	2,15	950	230.096
TN 17 EV	-	R404A	LBP	K/E	627	2,83	950	230.097
TN 21 EV	-	R404A	LBP	K/E	727	3,61	950	230.099

PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro , China ,Freezer Compressor, for Small Refrigerator, Mk Series-Adw66, Adw66, R134A Gas, 220V, 1/4-HP, 1/5++ hp , 220V, Lbp, Rsir , cooling capacity 165W

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R134A 220/50HZ		TECUMSEH		MOTECHE		FINLEY		BLUESTAR	
POTENCIA	MOD	COO RM	MOD	COO RM	MOD	COO RM	MOD	COO RM	
1/6 HP	THG1358YS	MT0033	GFM44AA	MT0160	HCF16XL	MT0218	ADW51	MT0098	
1/5 HP	THG1365YS	MT0034	GFF57AA	MT0161	HCF15XL	MT0219	ADW57	MT0149	
1/5+ HP	THG1374YS	MT0035	-	-	-	-	ADW66	MT0090	
1/4 HP	TSB1380YGS	MT0036	GFF66AA	MT0122	HCF14XL	MT0205	ADW91	MT0082	
1/4+ HP	TSB1390YS	MT0037	GFF75AA	MT0123	HCF14+L	MT0204	-	-	
1/3 HP	TCW410YS	MT0038	GFF86AA	MT0120	HCF13XL	MT0206	ADW110	MT0084	
1/3+ HP	TCW413Y	MT0039	GFF93AA	MT0121	HCF13+L	MT0207	ADW128	MT0158	

MOTOCOMPRESORES COMERCIALES



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Mbsm.pro , China ,Freezer Compressor, for Small Refrigerator, Mk Series-Adw66, Adw66, R134A Gas, 220V, 1/4-HP, 1/5++ hp , 220V, Lbp, Rsir , cooling capacity 165W

Mbsm.pro , Compressors ZMC, EGL90AA, R-134a ,1/4 HP LBP, 220 – 240 V

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PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro , Compressors ZMC, EGL90AA, R-134a ,1/4 HP LBP, 220 – 240 V

BRAND

◦ – ZMC

TECHNICAL SPECIFICATIONS :

- MODEL: EGL 90 AA
- POWER: 1/4 Hp
- VOLTAGE: 220 – 240 V
- WATT: 227.00 W
- REFRIGERANT GAS: R 134
- K.CAL: 195.00 Cal.

Features : The compressors form the basis of the refrigerant system and function to compress the gas from the evaporation to the condensation pressure.

USAGE PLACES :

It is used in Refrigerator devices belonging to all brands and models.

INSTRUCTIONS FOR USE:

Zmc EGL90AA;It is recommended to be used by a specialist authorized or authorized service.



Picture5 Mbsm Dot Pro : www.mbsm.pro

Mbsm_dot_pro_private_PDF_catalogo_cubigel_R134aTélécharger
Mbsm_dot_pro_private_PDF_cubigel-katalogTélécharger

MBSM.PRO , HYE69YL , Compressor (LBP)
, China R134a , Huayi Compressor Co. ,
Ltd, 69 YL , 1/4 Hp , 168Kcal , 220V

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Picture5 Mbsm Dot Pro : www.mbsm.pro

MBSM.PRO , HYE69YL ,Compressor (LBP) , China R134a ,Huayi Compressor Co., Ltd, 69 YL ,1/4 Hp ,168Kcal , 220V

Test conditions	According to ASHRAE
Evaporating temperature	-23.3[°C]
Condensing temperature	54.4[°C]
Subcooling temperature	32.2[°C]
Suction temperature	32.2[°C]
Ambient temperature	32.2[°C]
Working condition limit:R134a	
Max ambient temperature	43[°C]
Evaporation temperature range	-35~-15[°C]
Working voltage range.	187~254/98~127[V]
Max discharge pressure	2.0[Mpa](gauge pressure)
Max allowable housing temperature	95[°C]
Max discharge temperature	125[°C]
Max pressure housing endured	2.7[Mpa](gauge pressure)
Low voltage start	0.4/0.4Mpa(gauge pressure)187V/98V

Product model:HYE69YL
 Cooling capacity:195W
 COP[W/W]:1.15
 Voltage[V]:220-240~
 Frequency(Hz):50



PictureS Mbsm Dot Pro : www.mbsm.pro

Products

- R134a Compressor (LBP)
 - HYE Serie
 - HY Serie
 - HYB Serie
 - HYS Serie
- R600a Compressor (LBP)
 - HYE Serie
 - HY Serie
 - HYB Serie
 - HYS Serie
- R134a Compressor (MBP,HBP)
 - HY Serie
 - HYE Serie

[Newest Catalog Download](#)

Product model:HYE69YL
 Cooling capacity:195W
 COP (W/W) :1.15
 Voltage (V) :220-240~
 Frequency(Hz):50

Test conditions	According to ASHRAE
Evaporating temperature	-23.3°C
Condensing temperature	54.4°C
Subcooling temperature	32.2°C
Suction temperature	32.2°C
Ambient temperature	32.2°C
Working condition limit:R134a	
Max ambient temperature	43[°C]
Evaporation temperature range	-35~-15[°C]
Working voltage range.	187~254/98~127[V]
Max discharge pressure	2.0[Mpa](gauge pressure)
Max allowable housing temperature	95[°C]
Max discharge temperature	125[°C]
Max pressure housing endured	2.7[Mpa](gauge pressure)
Low voltage start	0.40.4Mpa(gauge pressure)187V/98V

PictureS Mbsm Dot Pro : www.mbsm.pro



AE 1330 Y

1 / 12 HP



AE 1340 Y

1 / 6 HP



AE 1350 Y

1 / 6 HP



AE 1360 Y

1 / 5 HP



AE 1370 Y

1 / 4 HP



AE 1390 Y

1 / 4 HP





HY 81 Y

1 / 4 HP



HYE 55 YL 63

1 / 6 HP



HYE 60 YL 63

1 / 5 HP



HYE 69 YL

1 / 4 HP



HYE 125 MSU

1 / 4 HP





Huayi HYE 69 YL 1/4 Hp 168Kcal R134a 220V

Huayi - Huayi

Huayi HYE 55 YL 63 1/6 Hp 129Kcal R134a 220V

Huayi - Huayi

Huayi HYE 60 YL 63 1/5 Hp 146Kcal R134a 220V

Huayi - Huayi

Huavi HY 81 Y 1/4+ Hp 202Kcal R134a 220V

PictureS Mbsm Dot Pro : www.mbsm.pro



HYE 125 MSU

HYE 69 YL

HYE 60 YL 63

HYE 55 YL 63

HY 81 Y

AE 1390 Y

AE 1370 Y

AE 1360 Y

AE 1350 Y

AE 1340 Y

AE 1330 Y

PictureS Mbsm Dot Pro : www.mbsm.pro





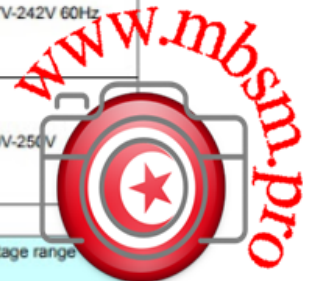
Mbsm.pro , Qb73c15gax5 , R134a , Refrigeration Compressor , 1/4 Hp, Panasonic compressor catalogue, QB series , 1Ph , 220V 50Hz

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Mbsm.pro , Qb73c15gax5 , R134a , Refrigeration Compressor , 1/4 Hp, Panasonic compressor catalogue, QB series , 1Ph , 220V 50Hz

Rated voltage / Frequency	Model	ASHRAE								Voltage range
		50Hz				60Hz				
		Capacity		COP - WW		Capacity		COP - WW		
		W	kcal/hr	RSIR	RSCR	W	kcal/hr	RSIR	RSCR	
220V 50Hz/60Hz	QB51C99GAX0	128	110	1.14	-	157	135	1.17	-	170V-250V 50Hz 187V-242V 60Hz
	QB57C11GAX0	146	126	1.18	-	175	151	1.22	-	
	QB66C16GAX0	165	142	1.20	-	200	172	1.27	-	
	QB77C18GAX0	202	174	1.21	-	224	193	1.27	-	
	QB91C24GAX0	236	203	1.19	-	255	219	1.22	-	
220V 50Hz	QB66C13GAX5	165	142	1.19	-					170V-250V
	QB73C15GAX5	185	159	1.19	-					
	QB77C16GAX5	202	174	1.22	-					
	QB91C19GAX5	236	203	1.25	-					



Rated voltage / Frequency	Model	ASHRAE								Voltage range
		50Hz				60Hz				
		Capacity		COP - WW		Capacity		COP - WW		
		W	kcal/hr	CSIR	RSCR	W	kcal/hr	CSIR	RSCR	
220V 50z/60Hz	QB110C25CAX0	273	235	1.18	-	279	240	1.19	-	170V-250V 50Hz 198V-242V 60Hz

PictureS Mbsm Dot Pro : www.mbsm.pro



PictureS Mbsm Dot Pro : www.mbsm.pro

Performance DATA

Application & Refrigerant LBP R134a

Voltage	Model	Displacement cm ³	*2) Capacity (W)					*3) C.O.P.		*4) Motor type	Compressor cooling *5)			Net weight kg		Oil charge cm ³	
			Evaporating temperature					NO	YES		ST	OC	FC	ST/FC	OC	ST/FC	OC
			-30°C	-25°C	-23.3°C	-20°C	-15°C										
*6) 100V 50/60Hz	QB57C88RA00	5.65	118	161	178	213	271	1.27	1.33	RSIR/RSCR	O	-	O	9.1	-	250	-
	QB66C12CA00	6.55	119	164	185	219	293	1.19	-	CSIR	-	-	O	8.8	-	250	-
	QB66C13RA00	6.55	133	182	200	239	304	1.28	1.37	RSIR/RSCR	O	-	O	9.4	-	280	-
	QB86C18TA00	8.56	170	226	248	295	376	-	1.35	CSCR	-	-	O	9.9	-	280	-
	QB91C18CA00	9.07	163	226	251	303	394	-	1.21	CSIR	-	-	O	9.6	-	250	-
220V 50Hz	QB66C13GAX5	6.55	108	149	165	200	263	1.23	-	RSIR	O	-	-	9.2	-	250	-
	QB73C15GAX5	7.27	121	167	185	224	294	1.23	-	RSIR	O	O	-	9.7	9.9	250	300
	QB77C16GAX5	7.69	131	182	202	245	319	1.26	-	RSIR	O	O	-	9.8	10.0	250	300
	QB86C18GAX5	8.56	145	200	222	268	347	1.26	-	RSIR	O	O	O	9.9	10.1	250	300
	QB91C19GAX5	9.07	154	213	236	285	372	1.29	-	RSIR	O	O	O	10.2	10.5	250	300
	QB110C25GAX5	10.86	176	246	273	331	432	1.18	-	RSIR	-	O	O	10.4	10.6	250	300
*4) 220-240V 50Hz	QB51C74GAW5	5.10	84	116	128	153	196	1.21	-	RSIR	O	-	-	8.7	-	250	-
	QB57C87GAW5	5.65	97	132	146	175	225	1.23	-	RSIR	O	-	-	8.9	-	250	-
	QB66C97GAW5	6.55	108	149	165	200	263	1.25	-	RSIR	O	O	-	9.2	-	250	-
	QB73C12GAW5	7.27	121	167	185	224	294	1.26	-	RSIR	O	O	-	9.7	-	250	-
	QB77C13GAW5	7.69	131	182	202	245	319	1.27	-	RSIR	O	O	-	9.8	-	250	-
	QB86C13GAW5	8.56	145	200	222	268	347	1.27	-	RSIR	O	O	O	9.9	-	250	-
	QB91C16GAW5	9.07	154	213	236	285	372	1.28	-	RSIR	O	O	O	10.0	-	250	-



PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro , Fn77q17g , 1/4Hp , Electrostar , R12 Refrigerator Compressors , 220V/50-60Hz , 1Ph ,for Refrigerator/Freezer

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Mbsm.pro , Fn77q17g , 1/4Hp , Electrostar , R12 Refrigerator Compressors ,
220V/50-60Hz , 1Ph ,for Refrigerator/Freezer



PictureS Mbsm Dot Pro : www.mbsm.pro

- 1) SO60LKAA OR equivalent in 1/10 HP
- 2) FN43Q88G OR equivalent in 1/8 HP
- 3) FN51Q10G OR equivalent in 1/6 HP
- 4) FN57Q12G OR equivalent in 1/5 HP
- 5) FN66Q14G OR equivalent in 1/5 HP Powerful
- 6) **FN77Q17G** OR equivalent in 1/4 HP
- 7) FN91Q20G OR equivalent in 1/4 HP Powerful
- 8) FN110Q24G OR equivalent in 1/3 HP



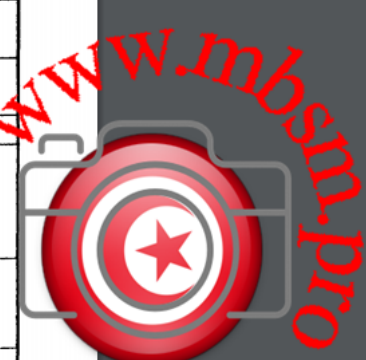
PictureS Mbsm Dot Pro : www.mbsm.pro

Compressor tests - Calorimeter

Type		FN77Q17G 1)	QA77C17GAX5	QA91C22GAX5
Parameter				
Evaporation temp.	[°C]	LBP -23,3	LBP -25 2) -23,3	LBP -25 -23,3
Refrigerant		R12	R134a	R134a
Q ₀				
CECOMAF	[W]		116,7	135
ASHRAE	[W]	191	154,2	187,1
ASHRAE	[kcal/h]	165	132,6	161
P ₁				
CECOMAF	[W]		144,1	166,4
ASHRAE	[W]	180	148,4	171,4
COP				
CECOMAF	[W/W]		0,81	0,81
ASHRAE	[W/W]	1,06	1,04	1,09
Start test				
cold tw = 32 °C		-	o.k	o.k
warm tw = 100 °C		-	o.k	o.k

1) Leaflet data, original compressor

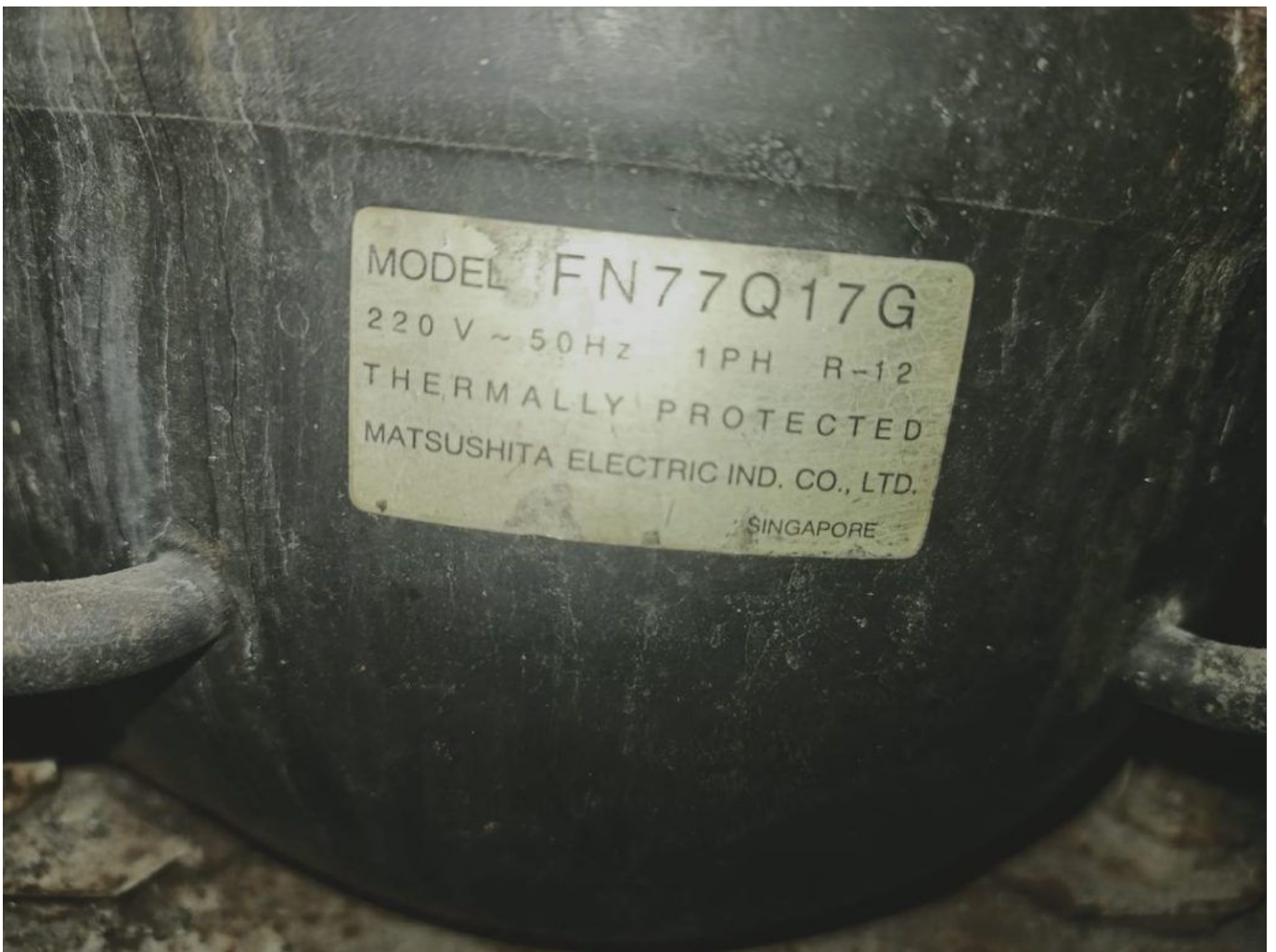
2) average two compressors, measuring



- 1) S060LKAA OR equivalent in 1/10 HP
- 2) FN43Q88G OR equivalent in 1/8 HP
- 3) FN51Q10G OR equivalent in 1/6 HP
- 4) FN57Q12G OR equivalent in 1/5 HP
- 5) FN66Q14G OR equivalent in 1/5 HP Powerful
- 6) FN77Q17G OR equivalent in 1/4 HP
- 7) FN91Q20G OR equivalent in 1/4 HP Powerful
- 8) FN110Q24G OR equivalent in 1/3 HP



PictureS Mbsm Dot Pro : www.mbsm.pro



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www.mbsm.pro , compressor, R134a
,ff16hak ,170 watt ,1/4 HP ,1PH

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PictureS Mbsm Dot Pro : www.mbsm.pro

www.mbsm.pro , compressor, R134a ,ff16hak ,170 watt ,1/4 HP ,1PH