

Mbsm.pro, Compressor, qd30h, 1/10 Hp, Lbp, 75 w

Category: compressor

written by Lilianne | 19 September 2022



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R134a Refrigeration Compressor 1 hp (QD43H)

#QD30H

QD30H	3.0	1/10	RSIR	S	35	49	63	70	90	112	152	170	188	210	0.85	1.9	82	89
QD35H	3.5	1/8	RSIR	S	40	56	72	80	105	128	176	220	242	275	0.9	1.98	89	111
QD43H	4.3	1/7	RSIR	S	47	65	83	110	121	149	216	270	297	338	0.95	2.01	116	134
QD52H	5.5	1/7	RSIR	S	70	95	123	136	177	218	280	350	385	438	1.15	2.01	118	174
QD59H	6.2	1/6	RSIR	S	85	115	149	165	215	265	312	390	430	488	1.2	2	138	195
QD65H	6.6	1/5	RSIR	S	95	129	167	185	241	297	350	430	473	538	1.25	2.02	148	193
QD75H	7.6	1/5+	RSIR	S/F	105	147	190	210	273	337	387	495	545	618	1.25	2.1	168	236
QD91H	8.8	1/5+	RSIR	S/F	115	160	207	230	300	368	425	530	583	655	1.37	2.12	168	250
QD110H	10.6	1/4+	RSIR	F	135	189	243	285	370	456	520	650	715	813	1.41	2.12	202	307
QD120H	11.6	1/3	RSIR	F	165	231	297	330	430	528	576	720	792	900	1.41	2.12	234	340
QD128H	12.3	3/8	RSIR	F	180	252	324	360	468	576	740	925	1018	1156	1.31	2	275	463
QD142H	13.5	3/8+	CSIR	F	195	273	351	390	507	624	800	1000	1100	1250	1.3	2	300	500
QD158H	15.3	3/8+	CSIR	F	215	300	387	430	560	690	890	1120	1230	1400	1.3	2	331	560
QD168H	16.3	1/2	CSIR	F	230	322	415	460	598	736	976	1220	1340	1530	1.3	2	354	610

GQR60AA 6.0 1/6 RSIR 140 116 1.21 220V/50Hz
 GQR70AA 6.6 1/5 RSIR 165 136 1.21 220V/50Hz
 GQR80AA 8.1 1/4 RSIR 198 166 1.19 220V/50Hz
 GQR90AA 9.1 1/4 RSIR 220 184 1.19 220V/50Hz
 GQY99AA 9.9 1/4 RSIR/RSCR 270 203 1.33 220V/50Hz
 GPY12AF 11.8 1/3 CSIR 325 244 1.33 220V/50Hz
 GPY16AF 16.2 3/8 CSIR 380 292 1.30 220V/50Hz
 GQR60TG 6.0 1/5 CSIR
 520 260 2.00 220V/50Hz
 600 290 2.10 220V/60Hz
 GQR80TG 8.1 1/4 CSIR
 730 340 2.15 220V/50Hz
 800 380 2.10 220V/60Hz
 GQR90TG 9.1 1/4 CSIR
 830 370 2.24 220V/50Hz
 920 436 2.24 220V/60Hz
 GP12TG 11.8 3/8 CSIR 1140 520 2.19 220V/50Hz



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Product Description

Product R134a Refrigeration Compressor 1 hp (QD43H)

Model QD43H

Brand SANHENG

Standard

Specifications

Technical Data Of R134a Series Refrigeration Compressor (LBP)

Model	Displ. (cm ³)	MotorType	Cooling Capacity(W)	Input Power(W)	Rated Current (A)	COP(W/W)	VOL/FREV/Hz
QD30H	3.0	RSIR S	76	76	0.63	1.00	220/50
QD-36H	3.6	RSIR S	89	83	0.64	1.07	220/50
QD43H	4.3	RSIR S	112	102	0.81	1.10	220/50
QD52H	5.2	RSIR S	127	115	0.87	1.10	220/50
FN57H	5.70	RSIR S	138	114	0.90	1.22	220/50
FN66H	6.60	RSIR S	165	135	1.15	1.23	220/50
FN77H	7.70	RSIR S	190	154	1.30	1.24	220/50
FN91H	9.10	RSIR S/F	212	180	1.40	1.26	220/50
FN110H	11.00	RSIR F	284	230	1.60	1.23	220/50
FN128H	12.80	RSIR F	320	256	2.00	1.25	220/50
FN142H	14.20	CSIR F	348	276	2.20	1.26	220/50

Test Conditions:(1)Evaporating Temp.= -23.3□ (-10F)(2)Ambient Temp.=32.2□(90F)(3)Condensing Temp.=54.4□(130F)(4)Suction Temp.=32.2□(90F)(5)Sub-cooling Temp.=32.2□(90F)

Conversion Table:1.
1watt=3.41BTU/h2.
1watt=0.86Kcal/h3.1Kcal/h=3.97BTU/h

Tolerance of performance data:(1)Capacity≥95%(2)Input Power≤115%(3)Current≤110%(4)COP≥93% RefrigerantL:LBP

Cooling Type:S—Static CoolingF—Fan CoolingH:R134a

The compressor is the same with refrigeration implement which usually include refrigerator, refrigeration deepfreeze, kitchen refrigeration, display case, revelation tank, dehumidify appliance etc. The main feature: light compact, high efficiency, good reliability, low noise vibration.

Test Conditions

Evap.Temp.: -23.3°C

Cond.Temp.: 54.4°C

Amb.Temp.: 32.2°C

Suction.Temp.: 32.2°C

Subcooling Temp.: 32.2°C

LBP ASHRAE

Model: QD30H

Power Supply: 220-240V/50Hz

Displacement (cm³): 3.0

Cooling Capacity (W): 75

Rated Power (W): 75

Nominal power (HP): 1/10

COP (W/W): 1.0

Rated Current (A): 0.62

Motor Type: RSIR

Capacitor (μF):

Starting Relay: PTC

Cooling Type: S

Packing (PCS/pallet): 120

1×20' FCL (PCS): 2400

Characteristics

1. Small size
2. High efficiency & reliability
3. Reliable starting performance
4. Low sound & vibration

Application

LBP, used for drinking fountain, refrigerator, freezer, liquor cabinet, ice-making machine and other medium and small sized refrigeration machines.