Mbsm.pro, Compressor, QD52H, QD59H, QD65H, FN77H, FN91H, FN110H, QD128, QD142H, R134a Series, Refrigeration, Compressor, MBP

Category: compressor
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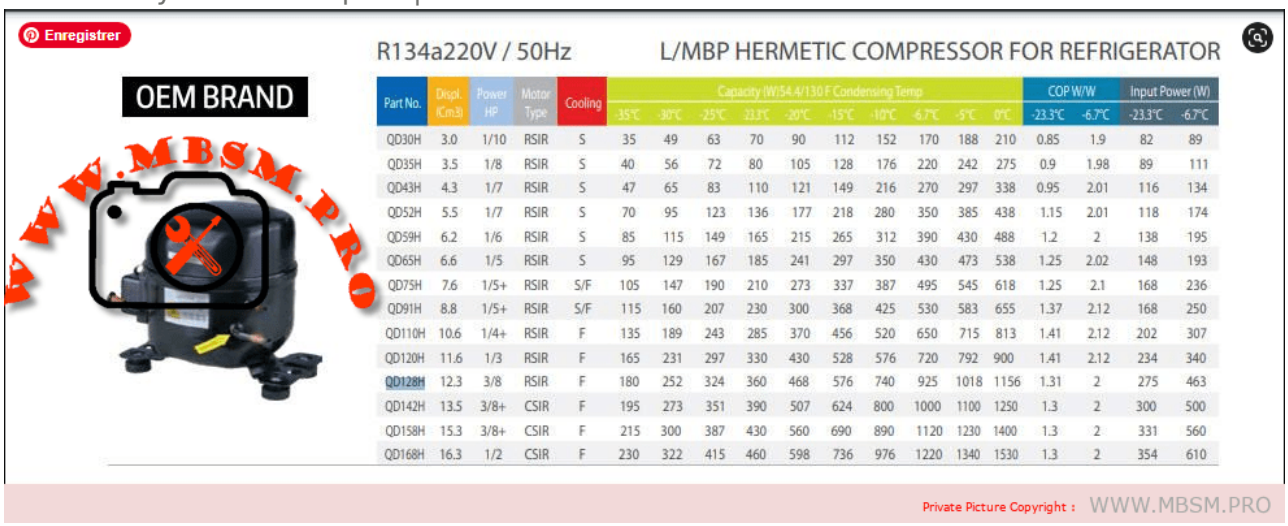

Part No.	Displ. (Cm3)	Power HP	Motor Type	Cooling	Capacity (W)54.4/130 F Condensing Temp										COP W/W		Input Power (W)	
					-35°C	-30°C	-25°C	-23.3°C	-20°C	-15°C	-10°C	-6.7°C	-5°C	0°C	-23.3°C	-6.7°C	-23.3°C	-6.7°C
QD30H	3.0	1/10	RSIR	S	35	49	63	70	90	112	152	170	188	210	0.85	1.9	82	89
QD35H	3.5	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

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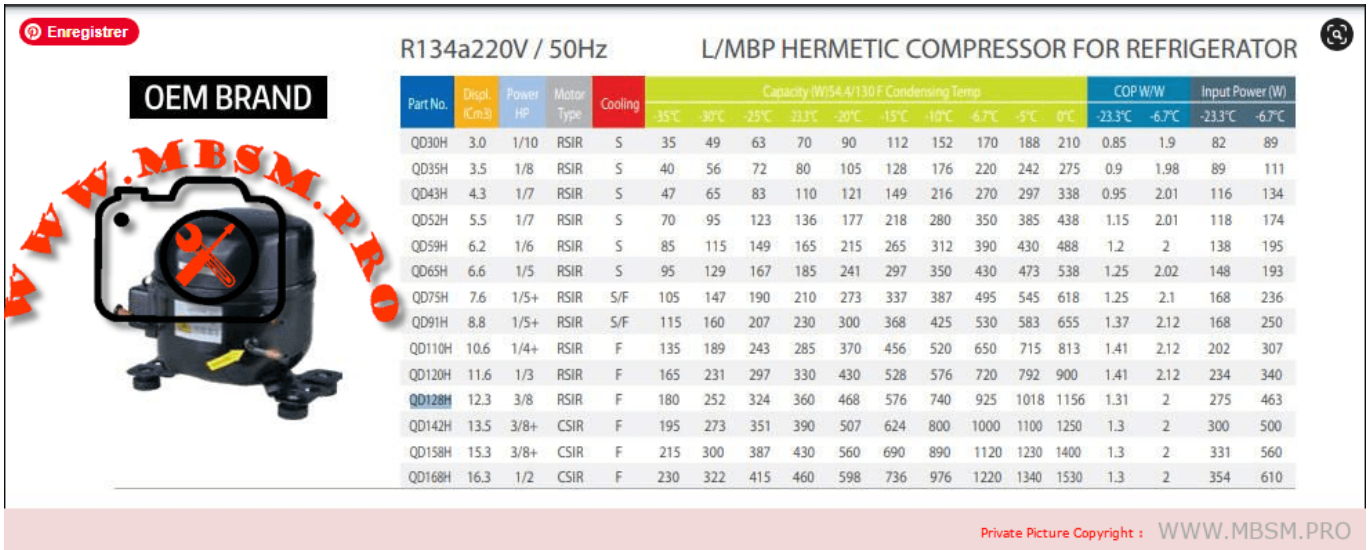

Part No.	Displ. (Cm3)	Power HP	Motor Type	Cooling	Capacity (W)54.4/130 F Condensing Temp										COP W/W		Input Power (W)	
					-35°C	-30°C	-25°C	-23.3°C	-20°C	-15°C	-10°C	-6.7°C	-5°C	0°C	-23.3°C	-6.7°C	-23.3°C	-6.7°C
QD30H	3.0	1/10	RSIR	S	35	49	63	70	90	112	152	170	188	210	0.85	1.9	82	89
QD35H	3.5	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

Technical Data Of R134a Series Refrigeration Compressor (MBP)

Model		Displace(cm^3)	MotorType	Cooling	Capacity(W)	Input Power(W)	Rated Current(A)	COP(W/W)	VOL/FREV/Hz
QD52H	1/6HP	5.20	RSIR	S	428	124	1.05	1.09	220/50
QD59H	1/6HP+	5.90	RSIR	S	442	119	1.00	1.13	220/50
QD65H	1/5HP	6.50	RSIR	S	467	137	1.05	1.15	220/50
FN77H	1/4HP	7.70	RSIR	S	502	152	1.35	1.16	220/50
FN91H	1/4HP+	9.10	RSIR	S/F	543	187	1.40	1.18	220/50
FN110H	1/3HP	11.00	RSIR	F	619	225	1.60	1.20	220/50
QD128H	3/8HP	12.80	RSIR	F	688	260	2.00	1.18	220/50
QD142H	1/2HP	14.20	CSIR	F	774	280	2.10	1.19	220/50

Test Conditions:(1)Evaporating Temp.= -5°C(2)Ambient Temp.=32.2°C (3)Condensing Temp.=54.4°C(4)Suction Temp.=32.2°C (5)Sub-cooling Temp.=32.2°C

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%

Cooling Type:S——Static CoolingF——Fan CoolingH——R406a RefrigerationL——LBP

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.