

Mbsm.pro, Compressor, SIKELAN, GQR80TG, 1/4 hp++, HBP, 1/3 hp-, Refrigeration, R134a, 220-240V 50HZ, MQ-GQR80TG, GQ R80TG

Category: compressor

written by Lilianne | 9 October 2022



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*Mbsm.pro, Refrigeration, Compressor, GQR12TG, 3/8+ hp (big) ++,
HBP, 1168W, 1/2 Hp (LBP) , CSIR, R134A, Starting Capacitor 80UF,
Displacement 12.0cm³*

Specifications

1. Product Performance

- 1)GQR80TG,MQseries, use R134a refrigerant;
- 2)Voltage application 220V to 240V;
- 3)Frequency for 50HZ;
- 4)Motor type:CSR;
- 5)Cooling type: F;
- 6)Starting device is PTC/CURRENT Relay;
- 7)Application: HBP;
- 8)Nominal power is 1/4+ HP;
- 9)COP is 2.25 with the cooling capacity 220W.

Basé sur l'état d'essai (ASHRAE)

Température d'évaporation: 7.2 degrés

Température ambiante: 35 degrés
Température de refroidissement: 46.1 degrés
Température de condensation: 54.4 degrés
Température d'aspiration: 35 degrés

Product Description 2

KONOR GQR80TG fridge compressor 200-220V/50Hz 220-230V/60Hz R134A

Specifications

1. Low levels of noise and vibration.
2. Developed for LBP applications can be adapted for M / HBP applications.

Technical Features

1. Standard, medium, high and very high levels of efficiency
2. Available for R-134A, R-600A and R-290

Household Applications

- Freezers
- Refrigerators
- Wine Coolers

Commercial Applications

- Horizontal Freezers
- Merchandisers
- Equipment for professional kitchens
- Dispenser
- Water Coolers
- Wine Coolers
- Ice makers
- Vending Machines
- Minibar

They are the best selling high-tech compressors sold in the world. They are ideal for domestic refrigeration and also for small commercial applications. They are small, have low noise and vibration levels, they achieve the highest levels of efficiency available in the market for this category.

For more details of the refrigeration compressor, please contact us.



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Model	Displacement cm ³	Height MM	Motor Type	Cooling capacity W	COP W/W	Power Supply V/Hz	Power HP	Net weight Kg
GQR80TG	8.1	186	CSIR	730	2.10	200-220/50	1/4	10.8
		186	CSIR	800	2.15	220-230/60	1/4	10.8

ضاغط كونور مجمده تلاجہ

KONOR	Displ.	power	Motor type	V/Hz	Cooling capacity W	Net Weight KG
GQR60AA	6.1/6		RSIR	220-240V/50Hz	140	9.4
GQR70AA	6.6/5		RSIR	220-240V/50Hz	165	9.4
GQR80AA	8.1/4		RSIR	220-240V/50Hz	198	9.4
GQR90AA	9.1/4		RSIR	220-240V/50Hz	220	10.1
GQY99AA	9.9/4		RSIR	220-240V/50Hz	270	10.9
GQY12AF	11.8/3		CSIR	220-240V/50Hz	325	10.56
GQY16AF	16.2/3/8		CSIR	220-240V/50Hz	380	12.1
GP16MG	16.2/5/8		CSIR	220-240V/50Hz	870	12.5
GP12MG	11.8/5/8		CSIR	220-240V/50Hz	656	10.9
GP12TG	11.8/3/8		CSIR	220-240V/50Hz	1140	11.8
GQR80TG	8.1/4		CSIR	220-240V/50Hz	730	9.8
GQR90TG	9.1/4		CSIR	220-240V/50Hz	830	10.5
GQR60TG	6.1/5		CSIR	220-240V/50Hz	520	9.8



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◎ R134a LBP 220-240V/50Hz

系列 应用工况	型号	排气 量	电机 功率	电机 类型	制冷量 (W) 蒸发温度 (°C) / Cooling Capacity ASHRAE											输入 功率	性能 系数	高度
	Model	Displ.	Power	Motor type	-30	-25	-23.3	-20	-15	-10	-5	0	5	7.2	10	Input Power without RC	COP without RC	Height (h)
		cc	hp		W / °C											w	w/w	mm
中效系列 / LBP	GQR45AA	4.6	1/8	RSIR	65	85	110	138	172	216	268	330				96	1.15	176
	GQR60AA	6.0	1/6	RSIR	83	108	140	175	218	274	342	420				116	1.21	176
	GQR70AA	6.6	1/5	RSIR	97	127	165	206	257	323	403	495				136	1.21	176
	GQR80AA	8.1	1/4	RSIR	117	152	198	248	309	388	483	594				166	1.19	186
	GQR90AA	9.1	1/4	RSIR	130	169	220	275	343	431	537	660				184	1.19	186
高效系列 / LBP	GQY45AA	4.6	1/8	RSIR/RSCR	73	95	123	154	192	241	300	369				99	1.24	176
	GQY60AA	6.0	1/6	RSIR/RSCR	93	121	157	196	245	308	383	471				115	1.36	176
	GQY70AA	6.6	1/5	RSIR/RSCR	103	135	175	219	273	343	427	525				126	1.39	186
	GQY80AA	8.1	1/4	RSIR/RSCR	131	171	222	278	346	435	542	666				164	1.35	186
	GQY90AA	9.1	1/4	RSIR/RSCR	145	189	245	306	382	480	598	735				184	1.33	186
	GQY99AA	9.9	1/4	RSIR/RSCR	159	208	270	338	421	529	659	810				203	1.33	199
	GPY12AF	11.8	1/3	CSIR	192	250	325	406	507	637	793	975				244	1.33	212
GPY16AF	16.2	1/2	CSIR	224	293	380	475	593	745	927	1140				292	1.30	212	

◎ R134a M/HBP 200-220V/50Hz , 220-230V/60Hz

高背压 商用机 / HBP	GQR60TG	6.0	1/5	CSIR				166	205	250	317	395	484	520	582	260	2.00	176
								191	236	289	366	456	558	600	672	290	2.10	
	GQR80TG	8.1	1/4	CSIR				233	288	351	445	555	679	730	818	340	2.15	186
								255	315	385	488	608	744	800	896	380	2.10	
	GQR90TG	9.1	1/4	CSIR				265	327	399	506	631	772	830	930	370	2.24	186
							293	362	443	561	699	856	920	1030	436	2.24		
	GP12TG	11.8	3/8	CSIR				364	449	548	695	866	1060	1140	1277	533	2.19	199
							415	512	625	793	988	1209	1300	1456	590	2.20		
高背压 商用机 / HBP	GP12MG	11.8	5/8	CSIR				343	424	517	656	817	1000	1075	1204	400	1.64	203
							412	509	621	788	981	1201	1291	1446	476	1.66		
	GP16MG	16.2	5/8	CSIR				455	562	686	870	1084	1326	1426	1597	560	1.55	212
							510	630	769	975	1214	1486	1598	1790	610	1.60		

◎ R134a LBP 220-240V/50Hz , 220-240V/60Hz

中效系列 / LBP	GQR45AG	4.6	1/8	RSIR	64	84	109	136	170	214	266	327				96	1.13	176
					76	99	128	160	200	251	312	384				115	1.11	
	GQR60AG	6.0	1/6	RSIR	83	108	140	175	218	274	342	420				119	1.18	176
					97	127	165	206	257	323	403	495				142	1.16	
	GQR70AG	6.6	1/5	RSIR	98	128	166	208	259	325	405	498				138	1.20	186
					114	149	194	243	303	380	473	582				161	1.20	
高效系列 / LBP	GQR80AG	8.1	1/5	RSIR	115	150	195	244	304	382	476	585				160	1.22	186
					135	176	229	286	357	449	559	687				160	1.20	
	GQR90AG	9.1	1/5	RSIR	130	169	220	275	343	431	537	660				178	1.24	186
					152	199	258	323	402	506	630	774				208	1.24	
	GQY70AG	6.6	1/5	RSIR/RSCR	100	131	170	213	265	333	415	510				130	1.31	186
					118	154	200	250	312	392	488	600				153	1.31	
	GQY80AG	8.1	1/4	RSIR/RSCR	133	173	225	281	351	441	549	675				163	1.38	199
					156	203	264	330	412	517	644	792				191	1.38	
	GQY90AG	9.1	1/4	RSIR/RSCR	145	189	245	306	382	480	598	735				175	1.40	199
				171	223	290	363	452	568	708	870				210	1.38		

W	Btu/h	W	Btu/h	W	Btu/h	W	Btu/h	Capacity (W)	Capacity (Btu/h)	Input Power(w)	Current (A)	COP (W/W)	COP (Btu/Wh)	W	Btu/h
L	GQR30TG	1/10	220V/50Hz	3.0	115	392	145	495	185	631	230	785	310	1058	140
	GQR35TG	1/9	220V/50Hz	3.5	135	461	175	597	195	665	285	972	430	1467	195
MS	GQR45TG	1/6	220V/50Hz	4.5	176	601	230	785	280	955	350	1194	480	1638	220
	GQR55TG	1/6+	220V/50Hz	5.5	188	641	245	836	310	1058	390	1331	525	1791	250
MK	GQR60TG	1/4	220V/50Hz	6.5	258	880	335	1143	435	1484	545	1860	665	2269	290
	GQR70TG	1/4	220V/50Hz	7.0	285	972	370	1262	480	1638	595	2030	720	2457	340
	GQR80TG	1/4+	220V/50Hz	8.0	324	1105	420	1433	550	1877	680	2320	810	2764	370
	GQR90TG	1/3-	220V/50Hz	9.1	365	1245	474	1617	621	2119	768	2620	910	3105	420
WZ	GQR80TG	1/4+	220V/50Hz	8.0	324	1105	420	1433	550	1877	680	2320	810	2764	370
	GQR90TG	1/3-	220V/50Hz	9.1	365	1245	474	1617	621	2119	768	2620	910	3105	420
	GQR11TG	3/8	220V/50Hz	11.0	412	1406	536	1829	702	2395	868	2962	1034	3528	450
	GQR12TG	3/8+	220V/50Hz	12.8	467	1593	606	2068	793	2706	981	3347	1168	3985	530
	GQR14TG	1/2	220V/50Hz	14.2	527	1798	685	2337	896	3057	1108	3780	1320	4504	580
	GQR16TG	1/2+	220V/50Hz	15.3	580	1979	754	2573	1012	3453	1252	4272	1492	5091	640

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● R134a LBP 220-240V/50Hz

系列 应用工况	型号	制冷剂	电机功率	电机类型	制冷量 (W) 蒸发温度 (°C) / Cooling Capacity ASHRAE											输入功率 Input Power without RC	性能系数 COP without RC	高度 Height (h)	
					-30	-25	-23.3	-20	-15	-10	-5	0	5	7.2	10				
W / J °C																			
中效系列/ LBP	QQR45AA	4.6	1/8	RSR	66	85	110	138	172	216	268	320					96	1.15	176
	QQR60AA	6.0	1/6	RSR	83	108	140	175	218	274	342	420					116	1.21	176
	QQR70AA	6.6	1/5	RSR	97	127	165	206	257	323	403	495					136	1.21	176
	QQR80AA	8.1	1/4	RSR	117	152	198	248	309	388	483	594					156	1.19	186
	QQR90AA	9.1	1/4	RSR	130	169	220	275	343	431	537	660					184	1.19	186
	QQR12GA	11.8	3/8	RSR	162	212	275	343	431	537	660	810					212	1.19	186
高效系列/ LBP	QQR45AA	4.6	1/8	RSRRSCR	73	95	123	154	192	241	300	369					96	1.24	176
	QQR60AA	6.0	1/6	RSRRSCR	93	121	157	196	245	308	383	471					115	1.36	176
	QQR70AA	6.6	1/5	RSRRSCR	103	135	175	219	273	343	427	525					126	1.39	186
	QQR80AA	8.1	1/4	RSRRSCR	131	171	222	278	346	435	542	666					154	1.35	186
	QQR90AA	9.1	1/4	RSRRSCR	145	189	245	306	382	480	598	735					184	1.33	186
	QQR12GA	11.8	3/8	RSRRSCR	180	236	306	382	480	598	735	910					212	1.33	186
高效系列/ HBP	GPY9AA	9.9	1/4	RSRRSCR	159	208	270	338	421	529	659	810					203	1.33	199
	GPY12AF	11.8	3/8	CSR	192	250	325	405	507	637	793	975					244	1.33	212
	GPY16AF	16.2	1/2	CSR	224	293	380	475	593	745	927	1149					292	1.30	212

● R134a M/HBP 200-220V/50Hz , 220-230V/60Hz

系列	型号	制冷剂	电机功率	电机类型	166	205	250	317	395	484	590	720	863	290	2.00	176
高效系列/ HBP	QQR60TG	6.0	1/5	CSR	181	238	289	356	436	528	630	772	930	1100	2.10	186
	QQR80TG	8.1	1/4	CSR	233	288	351	445	555	679	818	980	1160	1390	2.15	186
	QQR90TG	9.1	1/4	CSR	255	315	385	488	608	744	890	1060	1250	1460	2.10	186
	QQR12TG	11.8	3/8	CSR	265	327	399	506	631	772	930	1100	1290	1500	2.24	186
	GPY12MG	11.8	3/8	CSR	293	362	453	561	699	856	1030	1230	1440	1660	2.24	199
	GPY16MG	16.2	1/2	CSR	354	449	548	685	866	1060	1277	1500	1730	2000	2.19	199
高效系列/ HBP	GPY12MG	11.8	3/8	CSR	415	512	625	783	988	1209	1456	1720	2000	2300	2.20	199
	GPY16MG	16.2	1/2	CSR	343	424	517	656	817	1000	1205	1434	1680	1950	2.15	203
	GPY18MG	18.2	1/2	CSR	412	509	621	788	981	1201	1446	1716	2000	2300	2.15	212

● R134a LBP 220-240V/50Hz , 220-240V/60Hz

系列	型号	制冷剂	电机功率	电机类型	64	84	109	136	170	214	266	327	396	474	562	660	768	886	1014	1152	1300	1458	1626	1800	2070	2358	2652	2952	3258	3570	3888	4212	4554	4914	5292	5676	6072	6480	6894	7314	7746	8190	8646	9114	9594	10086	10590	11106	11634	12174	12726	13290	13866	14454	15054	15666	16290	16926	17574	18234	18906	19590	20286	21000	21726	22464	23214	23976	24750	25536	26334	27144	27966	28800	29646	30504	31374	32256	33150	34056	34974	35904	36846	37800	38766	39744	40734	41736	42750	43776	44814	45864	46926	47998	49080	50172	51276	52390	53514	54648	55792	56946	58110	59284	60468	61662	62866	64080	65304	66538	67782	69036	70300	71574	72858	74152	75456	76770	78094	79428	80772	82126	83490	84864	86248	87642	89046	90460	91884	93318	94762	96216	97680	99154	100638	102132	103636	105150	106674	108208	109752	111306	112870	114444	116028	117622	119226	120840	122464	124098	125742	127396	129060	130734	132418	134112	135816	137530	139254	140988	142732	144486	146250	148024	149808	151602	153406	155220	157044	158878	160722	162576	164440	166314	168198	170092	171996	173910	175834	177768	179712	181666	183630	185604	187588	189582	191586	193598	195618	197646	199684	201732	203790	205858	207936	209924	211922	213930	215948	217976	219914	221962	223920	225888	227866	229854	231852	233860	235878	237906	239944	241992	244050	246118	248196	250284	252382	254490	256608	258736	260874	263022	265180	267348	269526	271714	273912	276120	278338	280566	282804	285052	287310	289578	291856	294144	296442	298750	301068	303396	305734	308082	310440	312808	315186	317574	319972	322380	324798	327226	329664	332112	334570	337038	339516	342004	344502	347010	349528	352056	354594	357142	359700	362268	364846	367434	370032	372640	375258	377886	380524	383172	385830	388498	391176	393864	396562	399270	401988	404716	407454	410202	412960	415728	418506	421294	424092	426900	429718	432546	435384	438232	441090	443958	446836	449724	452622	455530	458448	461376	464314	467262	470220	473188	476166	479154	482152	485160	488178	491206	494244	497292	500350	503418	506496	509584	512682	515790	518908	522036	525174	528322	531480	534648	537826	541014	544212	547420	550638	553866	557104	560352	563610	566878	570156	573444	576742	580050	583368	586696	590034	593382	596740	600108	603486	606874	610272	613680	617098	620526	623964	627412	630870	634338	637816	641304	644802	648310	651828	655356	658894	662442	665998	669564	673140	676726	680322	683928	687544	691170	694806	698452	702108	705774	709450	713136	716832	720538	724254	727980	731716	735462	739218	742984	746760	750546	754342	758148	761964	765790	769626	773472	777328	781194	785070	788956	792852	796758	800674	804598	808532	812476	816430	820394	824368	828352	832346	836350	840364	844388	848422	852466	856520	860584	864658	868742	872836	876940	881054	885178	889312	893456	897610	901774	905948	910132	914326	918530	922744	926968	931198	935434	939678	943930	948192	952464	956746	961038	965340	969652	973974	978306	982648	986998	991358	995728	1000108	1004938	1009768
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