Mbsm.pro, COMPRESSOR, THG 1365YS, THG1365YS, 1/5 HP, R134, 230/1/50,TECUMSEH EUROPE, lbp,160 w, 540 btu/h

written by Lilianne | 15 April 2022

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THK 1365 (YCG)		
REFRIGERATION TECUMSEH COMPRESSOR		
Application	LBP	
Refrigerant	R134A	
Evaporating Temperature	7.2°C	
Condensing Temperature	55°C	
Liquid Sub Cooling Temperature	32.2°C	
50 Hz, 1ph, R-22		
Dis. / Rev.| Capacity	cc | BTU/H	5.90 | 540
Rated Voltage	V	230
Current	A	1
Power	Watts	128
LRA	(A)	9
EER	Btu/Whr	4.22
Circuit		PTCSIR
Run Cap	Mfd, VAC	-
Start Capacitor	Mfd, VAC	-
Oil CC	230	
Weight	Kgs (Lbs)	8.4 (18.52)

TH compressor

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Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz) ❷	Cooling ❶	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature ASHRAE ❸ -34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	❸ CECOMAF -25,0°C (-13°F)	COP (W/W)	Oil Type ❹
R134a	THK1352YGS	TH852GS	220/50-60	N	RSIR	5,01	57	91	132	1,29	181	240			POE
R134a	THK1352YGS	TH852GS	220/50-60	N	PTCSIR	5,01	57	91	132	1,29	181	240			POE
R134a	THK1358YGS	TH858GS	220/50-60	N	PTCSIR	5,58	67	107	155	1,33	213	283			POE
R134a	THK1358YGS	TH858GS	220/50-60	N	RSIR	5,58	67	107	155	1,33	213	283			POE
R134a	THK1358YKS	TH858KS	220-240/50	N	PTCSIR	5,58	67	107	155	1,40	213	283	108	1,06	POE
R134a	THK1358YMS	TH858MS	220/50-60	N	PTCSCR	5,58	67	107	155	1,45	213	283			POE
R134a	THK1365YGS	TH865GS	220/50-60	N	PTCSIR	5,90	72	115	167	1,24	229	304			POE
R134a	THK1365YMS	TH865MS	220/50-60	N	PTCSCR	5,90	72	115	167	1,40	229	304			POE
R134a	AZ1320YS	AZ410NS	220-240/50	N	PTCSIR	2,95	29	47	67	0,75	92	123	50	0,57	POE
R134a	AZ1320YS	AZ410PS	100/50-60	N	PTCSIR	2,95	29	47	67	0,92	92	123	50	0,70	POE
R134a	AZ1330YS	AZ420NS	220-240/50	N	PTCSIR	3,59	35	57	82	0,82	112	150	63	0,64	POE
R134a	AZ1335YS	AZ430NS	220-240/50	N	PTCSIR	4,00	41	66	95	0,96	130	173	73	0,80	POE
R134a	AZ1345YS	AZ440NS	220-240/50	N	PTCSIR	5,58	53	85	123	0,92	169	224	95	0,77	POE
R134a	AZ1355YS	AZ445NS	220-240/50	N	PTCSIR	5,90	63	101	146	1,05	201	267	115	0,90	POE
R134a	AZ1355YS	AZ445QS	100/50-60	N	PTCSCR	5,90	63	101	146	1,05	201	267	115	0,91	POE
R134a	AZA1316YXC	AZ400JR	220-240/50	N	PTCSIR	2,23	20	31	45	0,77	62	83	30	0,59	POE
R134a	AZA1326YXC	AZ410JR	220-240/50	N	RSIR	2,95	29	47	67	1,02	92	123	50	0,78	POE
R134a	AZA1332YXC	AZ420JR	220-240/50	N	RSIR	3,59	35	57	82	1,02	112	150	63	0,85	POE
R134a	AZA1338YXC	AZ430JR	220-240/50	N	RSIR	4,00	41	66	95	1,01	130	173	73	0,80	POE
R134a	AZA1350YXC	AZ440JR	220-240/50	N	RSIR	5,58	53	85	123	0,98	169	224	95	0,82	POE
R134a	AZB1316YXC	AZ400KR	220-240/50	N	PTCSIR	2,23	20	31	45	0,77	62	83	30	0,59	POE

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pressors - Domestic Refrigeration Application

		MODEL	Dis./ Rev. cc	Dis./ Rev. cu.in	Capacity (Btu/Hr)		Capacity (Kcal/Hr)	Current (Amps)	Power (Watts)	EER (Btu/ W hr)	EER (Kcal/ W hr)	Circuit	Voltage Rated volts	Voltage Range volts	Cooling	Oil charge ml
R134 A	50Hz	THK1330YCF	3.14	0.19	280		70.53	0.7	80	3.50	0.9	PTCSIR	230	160-260	Static	210
R134 A	50Hz	THK 1340 YCF	4.00	0.24	365		92	0.8	94	3.88	0.98	PTCSIR	230	160-260	Static	210
R134 A	50Hz	THK 1351 YJF	5.00	0.31	445		112.1	0.9	120	3.71	0.93	PTCSCR	230	160-260	Static	230
R134 A	50Hz	THK 1352 YCF	5.00	0.31	460		116	1.04	116	4.00	1.01	PTCSIR	230	160-260	Static	230
R134 A	50Hz	THK 1358 YCF	5.60	0.34	500		125.9	1	121	4.13	1.04	230	160-260	Static	230
R134 A	50Hz	THK 1365 YCG	5.90	0.36	540		136	0.6	115	4.22	1.06	PTCSIR	230	170-260	Static	230
R134 A	50Hz	THK1374YFS	6.90	0.42	600		151.1	1.2	143	4.2	1.06	CSIR	220	180-242	Static	230
R134 A	50/60Hz	THK 1352 YGS	5.00	0.31	50 Hz	460	115.9	1	110	4.2	1.05	PTCSIR	220	180-242	Static	230
					60 Hz	520	131	0.9	118	4.4	1.1			187-242		
R134 A	50/60Hz	THK 1358 YGS	5.60	0.34	50 Hz	500	125.9	0.9	118	4.24	1.07	RSIR	220	180-242	Static	230
					60 Hz	570	143.5	0.85	128	4.45	1.12			187-242		
R134 A	50/60Hz	THK 1365 YGS	5.90	0.36	50 Hz	540	136	1	128	4.22	1.06	PTCSIR	220	180-242	Static	230
					60 Hz	610	154	0.95	135	4.56	1.13			187-242		

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Gas Refrigerante Refrigerant	Modelo del Compresor Compressor Model	Listado de Materiales Bill of Materials	Referencia Comercial Commercial Reference	Desplazamiento Displacement	50 Hz (ASHRAE) Capacidad Friogorifica Cooling Capacity -23,3ºC (-10ºF)	C.O.P.
				cm³/rev	W	W/W
R-134a	THB1324Y	TH324	1/14	2,72	62	0,93
	THG1330Y	TH261	1/10+	3,14	84	1,10
	THG1335Y	TH251	1/8	3,40	92	1,12
	THG1340Y	TH201	1/8+	3,79	104	1,21
	THG1346Y	TH211	1/6	4,23	117	1,12
	THG1352Y	TH221	1/6+	5,01	135	1,20
	THG1358Y	TH231	1/5	5,60	154	1,17
	THG1365Y	TH241	1/5	5,90	167	1,16
	TSB1355Y	TS304	1/5	4,59	140	1,61
	TSB1360Y	TS305	1/5	5,23	149	1,53
	TPH1380Y	TP152	1/5+	6,53	204	1,40
	THG1374Y	TH271	1/4	6,95	192	1,28
	TSB1374Y	TS306	1/4	5,65	167	1,37
	TSB1380Y	TS307	1/4	6,53	191	1,49
	TSB1390Y	TS308	1/3	7,28	215	1,35
	TPH1410Y	TP154	1/3	8,37	270	1,40
	TPH1413Y	TP155	1/3+	10,86	315	1,29
	TPH1415Y	TP156	1/2	12,52	363	1,34

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