Tecumseh, AEZ1410D, compressor, 1/3 HP, r12

Category: compressor
written by Amina | 25 October 2023

Suction gases: 20.0 °C
Overheating: 30.0 K
Hypothermia: 0.00 K
Liquid: 45.0 °C
Refrigerant: R12

Power supply: 220 – 240V 1~ 50 Hz

Characteristics

- Cylinder volume9.4 cm³
- Weight11.3kg
- Suction line connection7.9 mm – 5/16”
- Discharge Line Connection6.4 mm – 1/4”
- Power consumption V/Hz/ph200-230V / 50 / 1
- Starting current14.0 A
- Oil refill0.25 dm3
- Type of applicationLow temperature
- Compressor seriesAEZ
- RefrigerantR12
- Maximum operating current2.8A

Evaporation °C	Condensation °C	35	40	45	50	55	60
	Pf (Watt)	154	138	121	104	86.9	
	Pa (W)	191	187	183	179	174	
-35	I(A)	1.63	1.63	1.62	1.61	1.6	
	COP (Watt/W)	0.81	0.74	0.66	0.58	0.5	
	Pf (Watt)	203	184	164	144	125	105
	Pa (W)	203	201	200	198	196	193
-thirty	I(A)	1.65	1.65	1.65	1.65	1.65	1.65
	COP (Watt/W)	1	0.91	0.82	0.73	0.64	0.55
	Pf (Watt)	264	241	218	194	172	149
	Pa (W)	218	219	220	220	220	221
-25	I(A)	1.69	1.69	1.7	1.71	1.71	1.72
	COP (Watt/W)	1.21	1.1	0.99	0.88	0.78	0.68
	Pf (Watt)	340	311	283	255	228	202
	Pa (W)	237	240	243	246	249	251
-20	I(A)	1.74	1.75	1.77	1.78	1.79	1.8
	COP (Watt/W)	1.43	1.29	1.16	1.04	0.92	0.8
	Pf (Watt)	429	394	359	327	295	264
	Pa (W)	260	266	271	276	281	286
-15	I(A)	1.81	1.83	1.85	1.87	1.89	1.91
	COP (Watt/W)	1.65	1.48	1.33	1.19	1.05	0.93
	Pf (Watt)	532	490	449	409	372	336
	Pa (W)	287	294	301	309	316	323
-10	I(A)	1.91	1.93	1.95	1.98	2	2.02
	COP (Watt/W)	1.85	1.66	1.49	1.33	1.18	1.04

Pf (W) – Cooling capacity (Watt)
Pa (W) – Power consumption (Watt)

I (A) – Current (A)

COP (W/W) – C.OP (Watt/W)

CV	Watt	1 Porte	2 Portes	Conge-lateur	ASPERA	DANFOSS	EMBRACO	IRE	NECCHI	PRESCOLD	UH	ZEM	ELUX
1/12	45	160 l	120 l	90 l	BP 1058 A	TL 2.5 ATL 2.5 B	PW 3.5 K7			AS 14AM 55 ZF	AZ 1320 AAE 12 Z7	E 30101	D 36 ASL 33 AU
1/10	56	200 l	160 l	120 l	BP 1072 A	TL 3 ATL 3 B	PW 4.5 F86	B 5A 42PB 6AF 86	ESM 3	AS 12	AE 10 Z7AZ 1328 AAEZ 1332 A	E 36101	L 40 AWL 40 ASL 40 AU
1/8	73	220 l	240 l	200 l	BP 1084 A	TL 4 ATL 4 B	PW 4.5 K9	B 8A 43PB 86PB 9AF 88	ESM 4	AS 8	AE 8Z A7AZ 1333 AAZ 1335 AAEZ 1336 A	E 44101 A	L 45 AUL 45 AW
1/6	96	400 l	325 l	270 l	BP 1111 ABP 1112 B	TL 5 A	PW 5.5 K11	B 9A 30L 10A 02L 10A 16L 10A 46PB 12AF 90	ESM 5	AS 6AS 66	AE 6Z A7AE 66 ZD7AZ 1340 AAEZ 1343 AAZ 1345 A	E 59101	L 55 AUL 55 AT
1/5	127	500 l	410 l	350 l	B 1116 BB 2116 BB 3117 A	FR 7.5 AFR 7.5 BNL 6 A	FF 7.5 BK	L 13A 17L 13A 18L 13A 26L 13B 20L 13A 47	ESM 7	AM 55 ZFAM 5 ZF	AE 5Z F9AZ 1355 DAEZ 1355 DAEZ 1360 AAEZ 1367 A	E 80101 A	L 76 ATL 76 AWL 76 BW
1/4	146	600 l	480 l	400 l	B 1118 BB 2118 BB 3119 AE 1121 AE 3121 A	FR 8.5 AFR 8.5 BNL 7 A	FF 8.5 BK	L 16A 01L 16A 25L 16B 22L 17A 34	ESM 8	AM 4C	AE 4Z F11AEZ 1380 AAEZ 1380 B	E 88101 A	L 88 AVL 88 BWL 88 FW
1/4	158	800 l	600 l	500 l		FR 10 AFR 10 B			ESM 9	QM 43			
1/3	230	1200 l	800 l	600 l		FR 11 AFR 11 B							

1/ 3	**230**	**1200 l**	**800 l**	**600 l**	E 1130 BE 2130 BE 3130 BE 4130 B	SC 12 A	ESM 11	AE 1410 AAEZ 1410 DCAE 2410 A	P 12 BWP 12 FW

DANFOSS

223101 **1/ 12 CV TL 2.5 A**
223102 **1/ 10 CV TL 3 A**
223103 **1/ 8 CV TL 4 A**
223104 **1/ 6 CV TL 5 A**
223105 **1/ 5 CV TL 7.5 A**
223106 **1/ 4 CV TL 8.5 A**
223107 **1/ 4 CV FR 10 A**
223108 **1/ 3 CV FR 11 A**
223109 **1/ 3 CV SC 12 A**