

Mbsm.pro, COMPRESSOR, TECUMSEH,
AE4470E, AE-8155-br, 3/4 hp++, 1/2
Hp—, 220V, 1 PH, R22, M-HBP, ++(big)

Category: compressor

written by Lilianne | 17 February 2022



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Tecumseh Compressor AE4470E-FZ3C

Product Description:

Type: Reciprocating Compressors

Application: HBP/CBP – High/Commercial Back

Product Description: R-22

Voltage/Frequency: 220-240V ~ 50Hz

Version: N/A

Product Specifications

Performance:





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Mbsm_dot_pro_private_PDF_AE4470E Télécharger

General

Evaporating Temp. Range: -15°C to 15°C (5°F to 59°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 11

Weight Unit of Measure: KG

Displacement (cc): 13.24

Oil Type: Synthetic Alkylate

Viscosity (cSt): 32

Oil Charge (cc): 380

Electrical

Voltage Range (50 Hz): 198-253

Voltage Range (60 Hz):

Locked Rotor Amps (LRA): 18.5

Rated Load Amps (RLA 50 Hz): 3.76

Rated Load Amps (RLA 60 Hz): 0

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) – Main: 5.69

Motor Resistance (Ohm) – Start: 10.93

Motor Type: CSR

Overload Type:

Relay Type:

Tecumseh Reciprocating Model Compressors :

MODEL	DIPLACEMENT (Cm ³)	CURRENT AMPS		DIAMETER CONNECTION (INCH)		BERAT (KG)
		I NOM	I MAX	SUCTION	DISCHARGE	
AE1390Y-FZ	8.02	1.4	1.7	1/4	3/16	9.5
AE2390Y-FZ	8.02	1.3	1.7	1/4	3/16	9.5
AE2410Y-FZ	9.39	1.4	1.7	5/16	1/4	9.5
AE2413Y-FZ	12.01	1.8	2.8	5/16	1/4	11.2
AE2415Y-GH	12.48	1.8	3	5/16	1/4	12.1
AE4425Z-FZ	4.24	1.8	2.8	1/4	3/16	9.9
AE4430Z-FZ	5.16	2.1	2.9	1/4	3/16	10.2
AE4440Z-FZ	6.69	2.7	3.7	3/8	1/4	10.5
AE4450Z-FZ	8.85	3.4	5.1	3/8	1/4	10.8
AE4460Z-FZ	10.33	4.3	5.9	3/8	1/4	11.6
AE4470Z-FZ	12.01	3.7	5.3	3/8	1/4	12.4
AE4425Y-FZ	6.69	1.6	2.4	1/4	3/16	9.2
AE4430Y-FZ	8.02	2.1	3.1	1/4	3/16	9.7
AE4440Y-FZ	10.33	2.5	3.7	5/16	1/4	9.8
AE4450Y-FZ	13.24	3.1	4.6	3/8	1/4	11.5
AE4456Y-FZ	14.51	3.6	8	3/8	1/4	11.5
AE4460Y-FZ	15.09	3	4.7	3/8	1/4	12.2
AE4425E-FZ	4.24	1.7	2.7	1/4	3/16	9.6
AE4430E-FZ	5.16	2	2.8	1/4	3/16	10
AE4440E-FZ	6.69	2.4	3.4	3/8	1/4	10.2
AE4450E-FZ	8.02	3	4.7	3/8	1/4	11.2
AE4460E-FZ	10.33	3.7	5.3	3/8	1/4	11.2
AE4470E-FZ	12.01	3.8	5.4	3/8	1/4	11.1

DESCRIPTION 220V

Engine type: CSR

Type of ventilation: F

Approvals: SGS

Operating range 60Hz: 187 – 242

Operating range 50Hz: n/a

Rele PTC Compela: n/a

Rele Amperometric Compela: n/a

Voltimetric Rele ELECTRICA: RVA3AN3C

Heat Shield COMPELA: T5706-XX

TEXAS Thermal Protector: MRA58180-XXXX

Permanent Capacitor: 15MFD 400VAC

Starting Capacitor: 88-108MFD 330VAC

LRA (A): 30

Refrigeration Capacity (BTU/h) 1st: 7500

Absorbed Power (W) 1st: 930

Absorbed Current (A) 1st: 4.79

EER 1.1: 8.06

1st Test Voltage: 220V/60Hz

Rated Condition a: ASHRAE

Displacement: 13.24

Oil load: 330 ml

Oil type: SYNTHETIC