

Compressor, NPT12FSC, CUBIGEL, R290, 12,10ccm, LBP, 3/8HP, 220 V 50/60 Hz



Technical Data Sheet

Compressor model NPT12FSC

Voltage 220-240V 50/60Hz ~1

Refrigerant R290

APPLICATION COMPRESSOR MOTOR

Application Low Back Pressure Displacement 12,10 cm³ Nominal Power 3/8 hp

Refrigerant R290 Diameter 27,00 mm Voltage/Frequency 220-240V 50/60Hz

Evaporating Temp. -40,0 °C to -10,0 °C Stroke 21,13 mm Voltage range 187-264 V

Expansion Capillar Net Weight 10,18 Kg Type ECM

Comp. Cooling Fan cooled Oil type ISO VG 32 ESTER Phase number 1 PH

Max. ambient temp. 43,0 °C Oil charge 520 cm³ Locked Rotor

Amps (LRA) 5,00 A

Max. Cont. Current (MCC) 3,70 A

Main W. resist. at 25°C 6,70 Ω

Start W. resist. at 25°C 6,70 Ω

NOMINAL PERFORMANCE – 3.000 RPM

ASHRAE CECOMAF

Cooling Capacity 585 kCal/h 508 W

COP 1,57 W/W 1,22 W/W

EER 1,35 kCal/Wh 1,06 kCal/Wh

Input Power 433 W 415 W

Current 3,43 A 3,30 A

TEST CYCLE CONDITIONS

ASHRAE CECOMAF

LBP (B) LBP (A)

Evaporating temp. -23,3 °C -25,0 °C

Condensing temp. 55,0 °C 55,0 °C

Liquid temp. 32,0 °C 55,0 °C

Ambient temp. 32,0 °C 32,0 °C

Suction temp. 32,0 °C 32,0 °C

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