

FES Rotary Screw Dual Stage Ammonia Refrigeration Compressor Package – 350 / 250 HP

Mfg: FES

Model: 775B / 270

Stock No: SSFF0105.100

Serial No: 83-0003-0301

FES Rotary Screw Dual Stage Ammonia Refrigeration Compressor Package. Compressor models: 775B-LE / 270-ME. Serial No(s): 3251236 / 2012613. Both leak test pressure: 313 psig. Hydrostatic test pressure: 470 psig. FES contract no. 83-0003-0301-09. Overall capacity rating: 218 tons at 255 BHP using R-717(ammonia) with a -40°F suction temperature. Single stage compressor rates at 244 tons at 337 bhp with a 10°F suction temperature, 95°F condensing temperature, and 10°F liquid subcooling. Displacement: 775B-LE: 2236 cfm, 270-ME: 853 cfm. Toshiba World Energy Series, 3-phase induction motor: Model: B2502VLG3UC DP, 250 hp, 3535 rpm 3 phase, 60 Hz. Design: B, 230/460V amps: 572/286, service factor: 1.15, frame size: 445Ts, continuous duty, drip proof enclosure type: TIKK. Toshiba World Energy Series, 3-phase induction motor: Model: B3502VLC3FC DP, 350 hp, 3540 rpm 3 phase, 60 Hz. Design: B, 460V amps: 390, service factor: 1.15, frame size: 445Ts, continuous duty, drip proof enclosure type: TIKK. Oil separator: FES no. 83010. National Bd. no. 1629. MAWP: 250 psi @300°F, MAWT: -20°F. HD RAD 2:1, HD TK .375, SHL TK .375. Hours on 775B compressor: 34775. Hours on 270 compressor: 34992. Overall dimensions: 21 ft. 3 in. L x 5 ft. 10 in. W x 10 ft. 5 in. H.











