Rotor Dimensions
(A) Maximum diameter over drive 50 inches (1270 mm)
(B) Maximum diameter over bed 63 inches (1600 mm)
(C) Maximum distance between support bearings centerlines
   Minimum distance between support bearings centerlines
   Outboard: 3.5 inches (83 mm)
   Inboard: 7.5 inches (191 mm)
   1" (25.4 mm) with optional fixture
   1/8 to 13 in. (3.2 to 330 mm)

(D) Journal diameters on standard bearing set

Machine Base
(E) Base length 36 inch (914 mm)
(F) Base Width 24 inch (610 mm)
(G) Width (Including drive) 38 inches (965 mm)

Rotor Mass and Unbalance Limitation
Maximum Weight 1,000 lbs. (454 Kg)
Minimum Weight 1 lb. (.454 g)
Maximum Weight per Support 720 lbs. (327 Kg)
Maximum Overload per Support 750 lbs. (341 Kg)
Maximum indicated sensitivity per Plane
   (instrument readout capability) .0001 ounce-inch
   .03 gram-inch
Maximum Achievable .0084 ounce-inch total
Residual Unbalance .0042 ounce-inch/plane
   under ideal rotor conditions but not to exceed
   .000005 inches mass center displacement
   95%

Maximum Unbalance reduction per Run
Shipping Weight

Motor & Control
Variable Frequency AC Drive with programmable acceleration/deceleration patterns
DC Injection breaking 0.1 to 240 Hz Output
Rated horsepower 1 hp at 1800 RPM (.75 Kw)
Speed Range 10 to 4000 RPM
Power Required 200 to 230 Volt, 3 phase 60 Hz
   or 380 to 460 Volt, 3 phase 50/60 Hz Optional
Recommended Balancing Speed 150-4000 RPM