



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	31 inches (787 mm) using one bed
Minimum distance between support bearings centerlines	unlimited using two beds (optional)
(D) Journal diameters on standard bearing set	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)

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 Residual Unbalance	.0084 ounce-inch total .0042 ounce-inch/plane
	under ideal rotor conditions but not to exceed
	.000005 inches mass center displacement
Maximum Unbalance reduction per Run	95%
Shipping Weight	1200 lbs. (544 Kg) (pallet) 1550 lbs. (703 Kg) (crate)

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