

Appendix B—Specifications

Operating Specifications for C10, C12, C13, C14, and C16 Model Pumps

Inlet:	1-1/4" NPT—C10 and C16 1-1/2" NPT—C12, C13, and C14
Outlet:	1" NPT
RPM:	3,450 @ 60 Hz, limited use in 50 Hz @ 2,880 RPM
Maximum working pressure:	400 psig (27.6 bar)
Maximum differential pressure:	75 psig (5.2 bar)—C10
	100 psig (6.9 bar)—C12
	125 psig (8.6 bar)—C13 and C14
	150 psig (10.3 bar)—C16
Driver range:	1 to 3 hp (0.75–2.2 kW)
Temperature range:	-25° to 225°F (-32° to 107°C)
Flow range:	2–36 gpm (7.6–136.3 L/min)

Material Specifications for C10, C12, C13, C14, and C16 Model Pumps

Part	Standard Material
Case, cover	Ductile iron ASTM A536
Impeller	Bronze (Models C10, C12, C13, and C14)
	Ductile Iron (Model C16)
Impeller key	Steel
Seal seat	Silicon carbide
Seal rotor	Carbon
Seal metal parts	Steel
Seal sleeve	Aluminum
Seal follower	Aluminum
Seal housing	Steel, cadmium plated
O-rings	Buna-N
Bearings	Ball