

## Appendix B—Specifications for All C-Model (Close-Coupled) Pumps

### Operating Specifications for C10, C12, C13, C14, CF10, CF12, CF13, and CF14 Model Pumps

Inlet:	C10: 1-1/4" NPT, C12 through C14: 1-1/2" NPT, 300# ANSI optional
Outlet:	1" NPT, 300# ANSI optional
RPM:	3450 @ 60 Hz, limited use in 50 Hz @ 2880 RPM
Maximum working pressure:	400 psig (27.6 bar)
Maximum differential pressure:	C10: 75 psig (5.2 bar)
	C12: 100 psig (6.9 bar)
	C13,C14: 125 psig (8.6 bar)
Driver range:	2 to 3 hp (0.37–2.2 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, CF10, CF12, CF13, and CF14 Model Pumps

Part	Standard Material
Case, cover	Ductile iron ASTM A536
Impeller	Bronze
Impeller key	Steel
Seal seat	Cast iron
Seal rotor	Carbon
Seal metal parts	Steel
Seal sleeve	Aluminum
Seal follower	Aluminum
Seal housing	Steel, cadmium plated
O-rings	Buna-N
Bearings	Ball