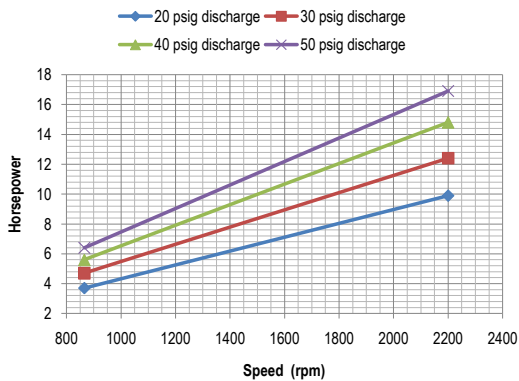
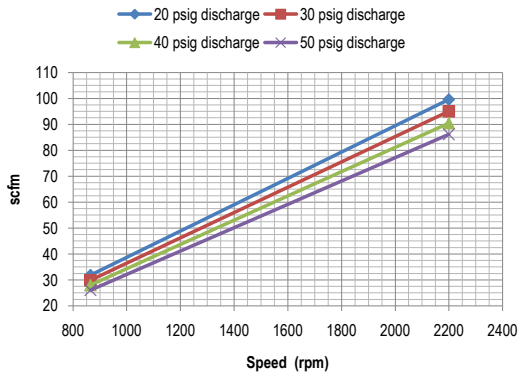




# Model 5CC

## General Performance



Curves based on gas with S.G. 0.65, Temp 80F

## TECHNICAL DATA

Inlet Connection.....	2" 125# Flat Faced, same fit as ANSI 150#
Outlet Connection.....	1.5" 125# Flat Faced, same fit as ANSI 150#
Operating Speed Range.....	865 rpm through 2200 rpm
Maximum Allowable Working Pressure.....	80 psig
Casing Hydrostatic Test Pressure.....	225 psig
Maximum Allowable Operating Temp	350° Fahrenheit
Shaft Seal.....	Single face mechanical or double bellows
Bearings.....	Roller, 30,000 hour minimum expected life per AFBMA calculation
Lubrication.....	Once through oil injection system - 5 points (by others)
Drive Type.....	Direct couple or belt driven, suitable for VFD
Shaft End.....	1.25" diameter at coupling
Vibration Levels.....	Typical vertical or horizontal overall vibration velocity amplitude is approximately 0.4 in./sec. peak
Assembly Leak Test Pressure.....	35 psig
Compressor Weight.....	240 pounds

## MATERIALS OF CONSTRUCTION

Casing (cylinder & heads).....	Ductile Iron ASTM A395 60-40-18 (NACE MR0175-2000 compliant)
Rotor Shaft.....	SAE 1144
Vanes.....	Laminated Kevlar cloth in a phenolic resin
Bearings.....	Steel Cage, Alloy steel rollers and races
Gaskets.....	Neoprene (Viton available)
O-rings.....	Buna (Viton available)
Seals.....	Options available
Studs.....	ASTM 4140
Seal Rings.....	Cloth weave in a phenolic resin
Dowel Pins.....	ANSI B5.20
Finish.....	Two part Epoxy

