



Chicago Pneumatic

RCP-C583V

Design		
Pump		CA1
Flywheel size OD	in	16.89
Pully size OD	in	7.75
Pump configuration		2 Stage
Cylinders		2 (4.13"/2.16")
Maximum pressure	psi	175
Inlet Conditions		
Barometric pressure	psi	14.7
Ambient temperature	F	68
Relative humidity	%	36
Compressor Performance		
Capacity delivered @ 100 psi	cfm	18
Capacity delivered @ MAX psi	cfm	16
Pump	rpm	793
Shaft power	BHP	5.73
Electrical Data		
Rated power	hp	5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		230/3
Transmission		Belt-driven
Motor speed	rpm	1,750
Full load amps	A	13.2
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	24
Width	in	34.1
Height	in	71.9
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	77.4
Shipping weight (est.)	lbs	580
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	80
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104