



Chicago Pneumatic

RCP-C7581VS

Design		
Pump		CA1
Flywheel size OD	in	16.89
Pully size OD	in	4.4
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	23
Capacity delivered @ MAX psi	cfm	21
Pump	rpm	899
Shaft power	BHP	6.43
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		230/1
Transmission		Belt-driven
Motor speed	rpm	3,450
Full load amps	A	29
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	23.9
Width	in	35.8
Height	in	71.9
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	77.4
Shipping weight (est.)	lbs	622
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	81
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104



Chicago Pneumatic

RCP-C7583VS

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Flywheel size OD	in	16.89
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Maximum pressure	psi	175
Inlet Conditions		
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Ambient temperature	F	68
Relative humidity	%	36
Compressor Performance		
Capacity delivered @ 100 psi	cfm	23
Capacity delivered @ MAX psi	cfm	21
Pump	rpm	899
Shaft power	BHP	6.43
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		230/3
Transmission		Belt-driven
Motor speed	rpm	3,450
Full load amps	A	17.2
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	23.9
Width	in	35.8
Height	in	71.9
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	77.4
Shipping weight (est.)	lbs	622
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	81
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104



Chicago Pneumatic

RCP-C7583VS4

Design		
Pump		CA1
Flywheel size OD	in	16.89
Pully size OD	in	4.4
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	23
Capacity delivered @ MAX psi	cfm	21
Pump	rpm	899
Shaft power	BHP	6.43
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		460/3
Transmission		Belt-driven
Motor speed	rpm	3,450
Full load amps	A	8.6
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	23.9
Width	in	35.8
Height	in	71.9
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	77.4
Shipping weight (est.)	lbs	622
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	81
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104



Chicago Pneumatic

RCP-C7581VSC2

Design		
Pump		CA2
Flywheel size OD	in	18.98
Pully size OD	in	6.45
Pump configuration		2 Stage
Cylinders		4 (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 @ MAX psi	cfm	24
Pump	rpm	610
Shaft power	BHP	8.67
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		230/1
Transmission		Belt-driven
Motor speed	rpm	1,750
Full load amps	A	30
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	25.7
Width	in	40
Height	in	69.8
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	76.2
Shipping weight (est.)	lbs	694
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	83
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104



Chicago Pneumatic

RCP-C7583VSC2

Design		
Pump		CA2
Flywheel size OD	in	18.98
Pully size OD	in	6.45
Pump configuration		2 Stage
Cylinders		4 (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 @ MAX psi	cfm	24
Pump	rpm	610
Shaft power	BHP	8.67
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		230/3
Transmission		Belt-driven
Motor speed	rpm	1,750
Full load amps	A	19.6
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	25.7
Width	in	40
Height	in	69.8
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	76.2
Shipping weight (est.)	lbs	694
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	83
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104



Chicago Pneumatic

RCP-C7583VSC24

Design		
Pump		CA2
Flywheel size OD	in	18.98
Pully size OD	in	6.45
Pump configuration		2 Stage
Cylinders		4 (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 @ MAX psi	cfm	24
Pump	rpm	610
Shaft power	BHP	8.67
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		460/3
Transmission		Belt-driven
Motor speed	rpm	1,750
Full load amps	A	6.6
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	25.7
Width	in	40
Height	in	69.8
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	76.2
Shipping weight (est.)	lbs	694
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	83
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104



Chicago Pneumatic

RCP-C7581V

Design		
Pump		CA1
Flywheel size OD	in	16.89
Pully size OD	in	4.4
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	23
Capacity delivered @ MAX psi	cfm	21
Pump	rpm	899
Shaft power	BHP	6.43
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		230/1
Transmission		Belt-driven
Motor speed	rpm	3,450
Full load amps	A	29
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	23.9
Width	in	35.8
Height	in	71.9
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	77.4
Shipping weight (est.)	lbs	622
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	81
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104



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RCP-C7583V

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Maximum pressure	psi	175
Inlet Conditions		
Barometric pressure	psi	14.7
Ambient temperature	F	68
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Compressor Performance		
Capacity delivered @ 100 psi	cfm	23
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Pump	rpm	899
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Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		230/3
Transmission		Belt-driven
Motor speed	rpm	3,450
Full load amps	A	17.2
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	23.9
Width	in	35.8
Height	in	71.9
Length - Shipping	in	39.8
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Height - Shipping	in	77.4
Shipping weight (est.)	lbs	622
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	81
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104



Chicago Pneumatic

RCP-C7583V4

Design		
Pump		CA1
Flywheel size OD	in	16.89
Pully size OD	in	4.4
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	23
Capacity delivered @ MAX psi	cfm	21
Pump	rpm	899
Shaft power	BHP	6.43
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		460/3
Transmission		Belt-driven
Motor speed	rpm	3,450
Full load amps	A	8.6
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	23.9
Width	in	35.8
Height	in	71.9
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	77.4
Shipping weight (est.)	lbs	622
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	81
Pump life	hour	20,000
Duty cycle	%	70
Min operating temp	F	32
Max operating temp	F	104



Chicago Pneumatic

RCP-C7581VC2

Design		
Pump		CA2
Flywheel size OD	in	18.98
Pully size OD	in	6.45
Pump configuration		2 Stage
Cylinders		4 (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 @ MAX psi	cfm	24
Pump	rpm	610
Shaft power	BHP	8.67
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		230/1
Transmission		Belt-driven
Motor speed	rpm	1,750
Full load amps	A	30
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	25.7
Width	in	40
Height	in	69.8
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	76.2
Shipping weight (est.)	lbs	694
Tank size	gal	80
Tank layout		vertical
Additional Data		
Sound level @ 1 meter	dBA	83
Pump life	hour	20,000
Duty cycle	%	70
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Inlet Conditions		
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Pully size OD	in	6.45
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Maximum pressure	psi	175
Inlet Conditions		
Barometric pressure	psi	14.7
Ambient temperature	F	68
Relative humidity	%	36
Compressor Performance		
Capacity delivered @ MAX psi	cfm	24
Pump	rpm	610
Shaft power	BHP	8.67
Electrical Data		
Rated power	hp	7.5
Motor type		Induction
Enclosure		ODP
Frequency	hz	60
Voltage		460/3
Transmission		Belt-driven
Motor speed	rpm	1,750
Full load amps	A	6.6
Insulation	class	F
Starter	type	Magnetic
Physical Data		
Length	in	25.7
Width	in	40
Height	in	69.8
Length - Shipping	in	39.8
Width - Shipping	in	46
Height - Shipping	in	76.2
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Tank size	gal	80
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