


CPA7 C55

Reference Conditions - Metric				
Absolute inlet pressure	bar (a)		1	
Relative humidity	%		70	
Air inlet temperature	deg C		20	
Limitations				
Maximum effective working pressure	bar(g)		10	13
Minimum effective working pressure	bar(g)		4	
Maximum ambient temperature	deg C		40	
Minimum ambient temperature	deg C		5	
Performance Data (1)				
FAD range at reference conditions *	l/m	820	670	520
General Data				
Installed power	HP - kW		7,5 - 5,5	
Air end type			C 55	
Type of cooling			air	
Cooling air flow	mc / h		2200	
Power input at no load	Hp - kW		1,5 - 1,1	
Power input at full load	Hp - kW		10 - 7,4	
Compressed air temperature above ambient	deg C		14	
Sound pressure level **	dB(A)		66	
Specific power at element shaft	J/l	370	500	600
FAD oil content	ppm		3	
Oil capacity	l		5	
Recoverable energy	kcal / h	4.721	4.842	4.842
Electrical data				
Nominal motor speed	rpm	2.940	2.940	2.940
Electric Motor Manufacturer			WEG	
Voltage supply	V / Hz / Ph		400/50/3- 230/50/3	
Insulating Class/Protection			F / IP55	
Efficiency	%		88,6	
Dryer				
Type			A3	
Nominal dryer current	A		1,6 - 1,9	
Tension / Frequency / Phases	V/Hz/ph		230/50/1-230/60/1	
Working dew point	°C		3	
Nominal power	W		266-306	
Type of cooling			air	
Refrigerant type			R 134 a	
Refrigerant capacity	gr		350	
Installation (Tank Mounted)				
Tank	L		270	500
Length	mm		1150	1935
Width	mm		642	642
Height	mm		1837	1839
Weight without dryer	kg		311	396
Weight with dryer	kg		336	421
Installation (Base Mounted)				
Length	mm		1.095	
Width	mm		642	
Height	mm		1.220	
Weight without dryer	kg		241	
Weight with dryer	kg		271	
Connections				
Air outlet	G		3/4"	
Drive			Belt	

(1) At reference conditions, unless otherwise stated and according to ISO 1217, third edition, annex C.

* Corresponds to 'Actual Volume Flow Rate' (ISO 1217, third edition, annex C).

Measured according ISO 5167-2.

** A-weighted emission sound pressure level at the work station (LpWSAd)

Measured according to ISO 2151: 2004 using ISO 9614/2 (sound intensity method)