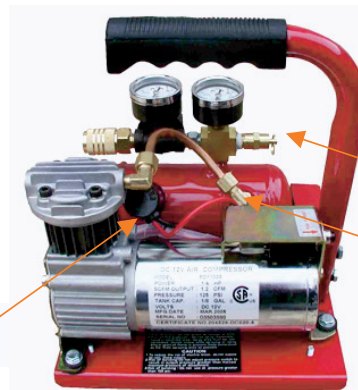


Oil Less - DC 12V/24V



*World Brand
Energy Value*

ISO-9001 CE UL SP



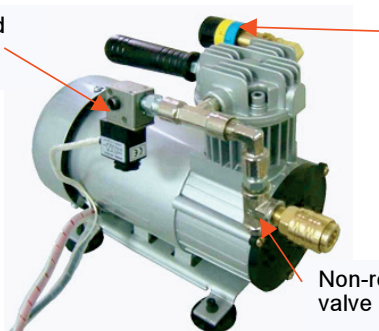
Mini pressure switch

Safety Valve

Non-return valve

PD11005

Solenoid valve



Non-return valve

DC07S

- High performance DC Type air compressor
- Compact & Lightweight
- Quiet & high efficiency
- Convenience for car use

MODEL	HP	R.P.M	DISPL.		MAX.P		N.W.	AMP.		TANK	L_W_H
			L/min.	CFM	Kg/cm ²	PSI		12V	24V		
PD11005	1/4	3400	38	1.34	10	150	6.1	20A	10A	0.05	23x19x31
DC07	3/4	3000	95	3.4	10	150	8.0	45A	23A	-	30x19x27

TEST REPORT

Specification:

PUMP				MOTOR			
Model	DC07SA	Cylinder	1	Voltage	12 V	Frequency	HZ
Bore	Φ47 mm	Pulley	in	Nominal Current	A	Pole	P
Stroke	18 mm	Displacement	95 L/min.	Speed	3000 rpm	Phase	PH
Speed	3000 rpm	Working P.	8.0Kg/cm ²	Motor Pulley	in	Thermal Protector	A
Tank Cap.							

Performance Test

Pressure Kg/cm2 (psi)	Input Watt.	Current A	Speed RPM	Air flow L/min.	Note			
0 (0)	197	16.4	3156	88				
2 (28.44)	385	32.1	2883	65				
4 (56.88)	428	35.7	2827	48				
6 (85.32)	467	38.9	2763	40				
8 (113.8)	486	40.5	2730	35				
10 (142)	450	37.5	2803	25				
					Voltage	Current	Speed	Wire
					V	A	RPM	Temp.
Average					10	36.9	2231	
					12	40.7	2751	
					14	43.5	3260	

Temperature Test

Ambience	Cylinder head	Cylinder	Crank case	Oil	Check valve	Air tank	Exhausting Temp.
30°C	165°C	109°C	71°C	-	-	-	150°C

Noise Test

Testing distance: 1 Meter away from tested subject

Ambient Noise	52 dB	Unloading Noise	77 dB	Loading Noise	80 dB
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TEST REPORT

Specification:

PUMP				MOTOR			
Model	DC07SA	Cylinder	1	Voltage	24 V	Frequency	HZ
Bore	Φ47 mm	Pulley	in	Nominal Current	A	Pole	P
Stroke	18 mm	Displacement	95 L/min.	Speed	3000 rpm	Phase	PH
Speed	3000 rpm	Working P.	8.0Kg/cm ²	Motor Pulley	in	Thermal Protector	A
Tank Cap.							

Performance Test

Pressure Kg/cm2 (psi)	Input Watt.	Current A	Speed RPM	Air flow L/min.	Note			
0 (0)	216	9.0	3188	88				
2 (28.44)	370	15.4	3071	68				
4 (56.88)	420	17.5	3031	48				
6 (85.32)	475	19.8	2995	42				
8 (113.8)	502	20.9	2983	37				
10 (142)	487	20.3	3009	30				
					Voltage	Current	Speed	Wire
					V	A	RPM	Temp.
Average					22	19.9	2674	
					24	21.8	2995	
					26	22.0	3234	

Temperature Test

Ambience	Cylinder head	Cylinder	Crank case	Oil	Check valve	Air tank	Exhausting Temp.
29°C	161°C	105°C	72°C	-	-	-	158°C

Noise Test

Testing distance: 1 Meter away from tested subject

Ambient Noise	52 dB	Unloading Noise	73 dB	Loading Noise	74 dB
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TEST REPORT

Specification:

PUMP				MOTOR			
Model	PD11005A	Cylinder	1	Voltage	12 V	Frequency	HZ
Bore	Φ32 mm	Pulley	in	Nominal Current	A	Pole	P
Stroke	14 mm	Displacement	34 L/min.	Speed	3400 rpm	Phase	PH
Speed	3400 rpm	Working P.	8 bar	Motor Pulley	in	Thermal Protector	20 A
Tank Cap.	0.5 L.						

Performance Test

Pressure Kg/cm2 (psi)	Input Watt.	Current A	Speed RPM	Air flow L/min.	Air flow CFM	Noise dB	Note				
0 (0)	131	10.9	3705	31	1.08	64					
2 (28.44)	178	14.8	3503	23	0.82	65					
4 (56.88)	202	16.8	3411	18	0.64	66					
6 (85.32)	210	17.5	3388	14	0.51	67					
8 (113.8)	206	17.2	3461	11	0.38	68					
10 (142)	204	17.0	3485	8	0.30	68					
							Voltage	Current	Speed	Wire	
							V	A	RPM	Temp.	
							10	16.6	2790		
							12	17.0	3493		
							14	17.8	4161		

Temperature Test

Ambience	Cylinder head	Cylinder	Crank case	Oil	Check valve	Air tank	Exhausting Temp.
29 °C	178 °C	147 °C	102 °C	- °C	68 °C	41 °C	171 °C

Noise Test

Testing distance: 1 Meter away from tested subject

Ambient Noise	52 dB	Unloading Noise	64 dB	Loading Noise	68 dB
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TEST REPORT

Specification:

PUMP				MOTOR			
Model	PD11005B	Cylinder	1	Voltage	24 V	Frequency	HZ
Bore	Φ32 mm	Pulley	in	Nominal Current	A	Pole	P
Stroke	14 mm	Displacement	34 L/min.	Speed	3400 rpm	Phase	PH
Speed	3400 rpm	Working P.	8 bar	Motor Pulley	in	Thermal Protector	10 A
Tank Cap.	0.5 L.						

Performance Test

Pressure Kg/cm2 (psi)	Input Watt.	Current A	Speed RPM	Air flow L/min.	Air flow CFM	Noise dB	Note			
0 (0)	130	5.4	3860	30	1.05	65				
2 (28.44)	178	7.4	3688	23	0.82	65				
4 (56.88)	199	8.3	3610	19	0.68	66				
6 (85.32)	209	8.7	3579	16	0.55	67				
8 (113.8)	209	8.7	3596	12	0.42	68				
10 (142)	202	8.4	3643	9	0.32	68				
							Voltage	Current	Speed	Wire
							V	A	RPM	Temp.
							22	8.5	3306	
							24	8.6	3651	
							26	8.7	3979	

Temperature Test

Ambience	Cylinder head	Cylinder	Crank case	Oil	Check valve	Air tank	Exhausting Temp.
30 °C	175 °C	152 °C	105 °C	- °C	67 °C	41 °C	169 °C

Noise Test

Testing distance: 1 Meter away from tested subject

Ambient Noise	52 dB	Unloading Noise	65 dB	Loading Noise	68 dB
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