

WOB-L® PISTON

Pumps & Compressors 317 Series

MODELS:

Standard models available.
317CDC56/12

Other models based on availability and minimum purchase.
317CDC56/24

FEATURES:

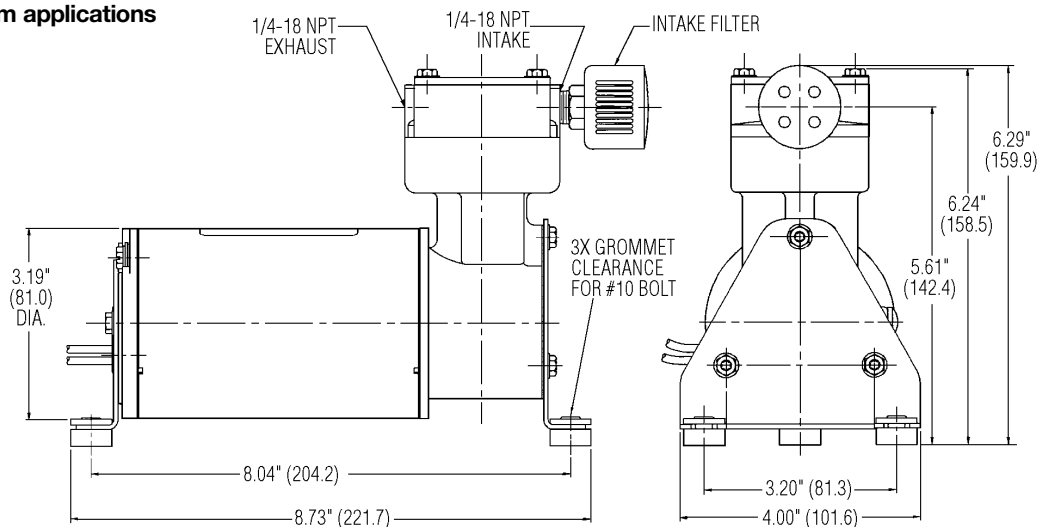
- Oil-less design
- Die-cast aluminum components
- Steel mounting brackets with vibration isolators
- Stainless steel valves
- Built-in check valve
- Teflon®-PTFE piston ring
- Inlet unloader
- Two stage inlet filter
- Thermally protected motor
- Dust and moisture resistant
- Intermittent duty only
- All wetted aluminum parts treated for corrosion protection from moisture
- All other wetted parts stainless steel
- Sealed electrical leads
- Heavy-duty motor



Consult factory for custom applications

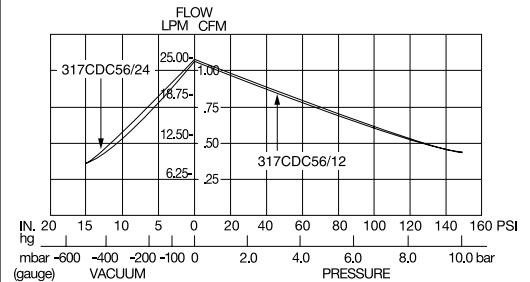
DIMENSIONS:

Millimeters are in ()



317 SERIES PERFORMANCE DATA:

		STANDARD			
MODEL NUMBER:		317CDC56/12		317CDC56/24	
HEAD CONFIGURATION:		Pressure/Vacuum		Pressure/Vacuum	
STROKE:		.560 Inches		.560 Inches	
PRESSURE:		Flow @ 12v		Flow @ 24v	
CFM @ PSI	LPM @ bar				
PSI	bar	CFM	LPM	CFM	LPM
0	0	1.12	31.7	1.14	32.3
5	.5	1.06	30.0	1.08	30.1
10	1.0	1.02	27.9	1.04	28.4
15	1.5	.98	26.3	1.00	26.9
20	2.0	.94	25.1	.96	25.7
25	3.0	.91	22.6	.93	23.2
30	5.0	.88	18.7	.90	18.5
35	7.0	.85	15.7	.87	15.4
40		.82		.84	
50		.76		.78	
60		.70		.72	
70		.67		.67	
80		.63		.61	
90		.60		.58	
100		.56		.55	
110		.52		.51	
120		.48		.47	
130		.46		.45	
140		.43		.42	
150		.40		.39	
MAX. INTERMITTENT PRESSURE:		150 PSI	10.3 bar	150 PSI	10.3 bar
VACUUM:		Flow @ 12v		Flow @ 24v	
CFM @ IN. hg	LPM @ mbar (gauge)				
IN. hg	mbar (gauge)	CFM	LPM	CFM	LPM
0	0	1.12	31.7	1.14	32.3
5	-100	.86	27.4	.87	27.8
10	-200	.61	23.1	.62	23.4
15	-400	.36	14.7	.36	14.9
20	-600		6.3		6.2
MAX. VACUUM:		22.0" hg	-746 mbar	22.0" hg	-746 mbar
MAX. AMBIENT TEMPERATURE:		158°F	70°C	158°F	70°C
MIN. AMBIENT TEMPERATURE:		-40°F	-40°C	-40°F	-40°C
MAX. RESTART PRESSURE:		210 PSI	14.5 bar	210 PSI	14.5 bar
MAX. RESTART VACUUM:		22.0" hg	-746 mbar	22.0" hg	-746 mbar
MOTOR VOLTAGE/FREQUENCY:		12v DC		24v DC	
HORSEPOWER:		1/5		1/5	
MOTOR TYPE:		Permanent Magnet		Permanent Magnet	
CURRENT AT RATED LOAD (AMPS):		20		10	
STARTING CURRENT (LOCKED ROTOR AMPS):		91		66	
INSULATION CLASS:		F		F	
MIN. FULL LOAD SPEED (RPM):		3200		3200	
THERMAL PROTECTOR:		Yes		Yes	
NET WEIGHT:		6.5 lbs.	3.0 Kg	6.5 lbs.	3.0 Kg



The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of Thomas products. It is the responsibility of the user to determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection therewith. Thomas Industries does not warrant, guarantee or assume any obligation or liability in connection with this information.

Note: Models pictured are representative of the series and do not represent a specific model number. Consult factory for detailed physical description.



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