

WOB-L® PISTON

Pumps and Compressors

8006 Series

MODELS:

Standard models available.

8006-0071, 8006-1068

Other models based on availability and minimum purchase.

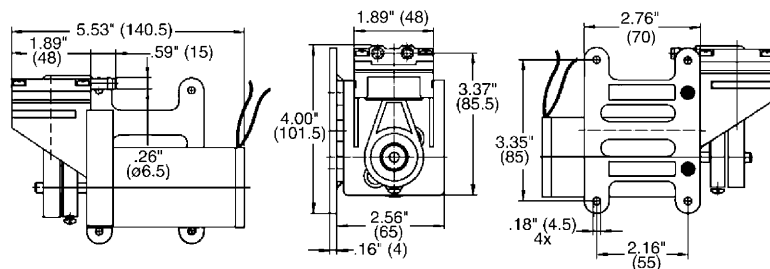
FEATURES:

- Oil-less, non-lubricated piston and cylinder
- Compact design
- Balanced for smooth, low vibration operation
- Suitable for continuous running
- Heat resistant high performance valves
- Long-life, high performance piston seal (PTFE compound)

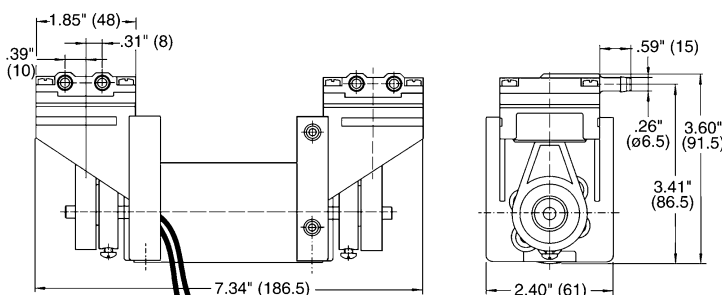
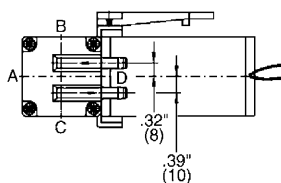
Consult factory for custom applications

DIMENSIONS:

Millimeters are in ()



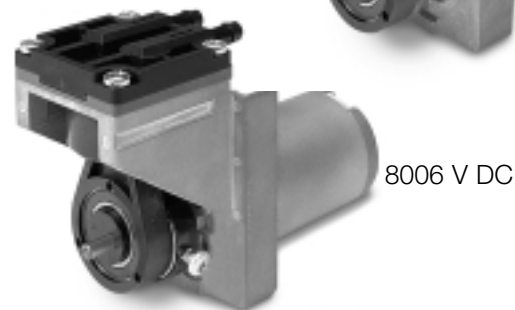
8006 D DC



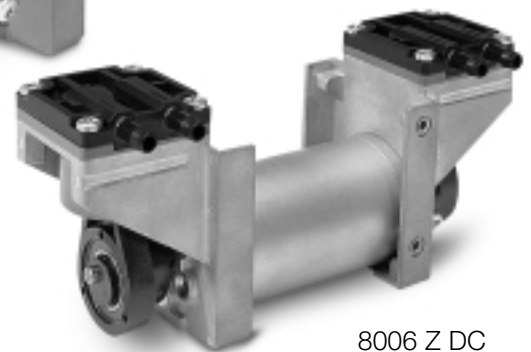
8006 Z DC



8006 D DC



8006 V DC



8006 Z DC

ISO 9001
CERTIFIED

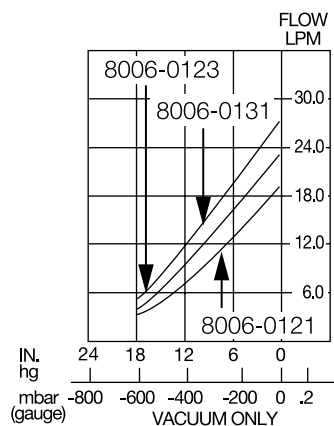
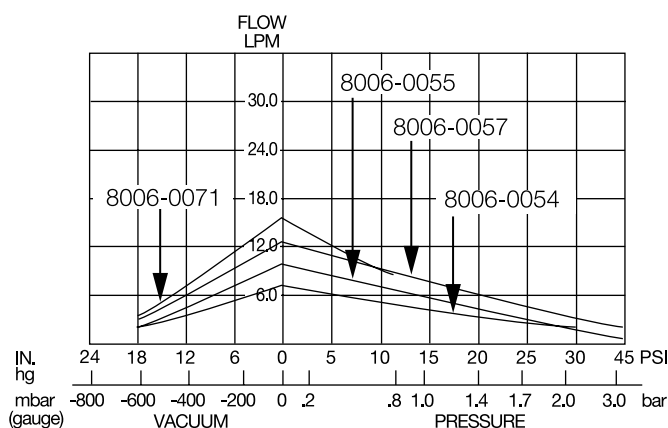

THOMAS
PUMPS & COMPRESSORS

8006 SERIES PERFORMANCE DATA:

MODEL DESCRIPTION:	8006D-27-1.5		8006D/27-3.5		8006D/27-4.5		8006D-30-4.5			
COMPRESSOR ARTICLE NO.: 12V 24V	8006-0054 8006-0062		8006-0055 8006-0063		8006-0057 8006-0110		8006-0071-STANDARD 8006-0079			
HEAD CONFIGURATION:	Pressure		Pressure		Pressure		Pressure			
PRESSURE:	Flow @ 12V / 24V		Flow @ 12V / 24V		Flow @ 12V / 24V		Flow @ 12V / 24V			
LPM @ PSI	LPM @ bar									
PSI	bar	LPM	LPM	LPM	LPM	LPM	LPM	LPM		
0	0	7.0	7.0	9.8	9.8	12.4	12.4	15.4	15.4	
5	.2	6.3	6.3	9.1	9.1	10.9	10.9	12.5	12.5	
10	.4	5.1	5.7	7.5	8.1	8.8	9.7	10.8	10.8	
15	.6	4.0	5.1	6.0	7.5	7.2	8.8	8.5	9.8	
20	.8	3.1	4.5	4.8	6.7	6.0	8.0		8.5	
25	1.0	2.5	4.0	3.9	6.0	5.2	7.2			
30	1.4	2.0	3.1	3.2	4.8	4.6	6.0			
40	1.7		2.5	.2	3.9	2.0	5.2			
	2.0		2.0		3.2		4.6			
	3.0				.2		2.0			
MAX. CONTINUOUS PRESSURE:	22 PSI	1.5 bar	22 PSI	1.5 bar	15 PSI	1.0 bar	12 PSI	0.8 bar		
MAX. INTERMITTENT PRESSURE:	44 PSI	3.0 bar	44 PSI	3.0 bar	44 PSI	3.0 bar	22 PSI	1.5 bar		

MODEL DESCRIPTION:	8006V/27-2.5		8006V/27-3.5		8006V/27-4.5		8006V/30-4.5		8006ZV/27-3.5		8006ZV/27-4.5		8006ZV/30-4.5	
COMPRESSOR ARTICLE NO.: 12V 24V	8006-1050 8006-1058		8006-1051 8006-1059		8006-1053 8006-1061		8006-1068-STANDARD 8006-1075		8006-0121* 8006-0125*		8006-0123* 8006-0127*		8006-0131* 8006-0135*	
HEAD CONFIGURATION:	Vacuum		Vacuum		Vacuum		Vacuum		Vacuum		Vacuum		Vacuum	
VACUUM:	Flow @ 12V / 24V		Flow @ 12V / 24V		Flow @ 12V / 24V		Flow @ 12V / 24V		Flow @ 12V / 24V		Flow @ 12V / 24V		Flow @ 12V / 24V	
LPM @ IN. hg	LPM @ mbar (gauge)													
IN. hg	mbar (gauge)	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0	0	7.0	7.0	9.8	9.8	12.4	12.4	15.4	15.4	19.0	19.0	23.1	23.1	27.1
5	-200	4.7	4.7	7.1	7.1	8.3	8.5	9.7	10.2	13.3	13.3	15.2	15.2	18.2
10	-400	2.6	2.6	4.4	4.4	5.2	5.2	6.1	6.1	8.1	8.1	9.3	9.3	11.0
15	-600	.9	.9	2.0	2.0	2.4	2.4	2.8	2.8	3.6	3.6	4.2	4.2	5.0
MAX. VACUUM:	21.2" hg	-720 mbar	22.4" hg	-760 mbar	23.0" hg	-780 mbar	23.6" hg	-800 mbar	22.4" hg	-760 mbar	23.0" hg	-780 mbar	23.6" hg	-800 mbar
AMBIENT TEMPERATURE:	50°-104°F	10°-40°C	50°-104°F	10°-40°C	50°-104°F	10°-40°C	50°-104°F	10°-40°C	50°-104°F	10°-40°C	50°-104°F	10°-40°C	50°-104°F	10°-40°C
GAS TEMPERATURE:	50°-140°F	10°-60°C	50°-140°F	10°-60°C	50°-140°F	10°-60°C	50°-140°F	10°-60°C	50°-140°F	10°-60°C	50°-140°F	10°-60°C	50°-140°F	10°-60°C
MAX. RESTART PRESSURE:	4 PSI	0.3 bar	3 PSI	0.2 bar	3 PSI	0.2 bar	1 PSI	0.1 bar						
MAX. RESTART VACUUM:	8.9" hg	-300 mbar	5.9" hg	-200 mbar	5.9" hg	-200 mbar	3.0" hg	-100 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar
MOTOR TYPE:	Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet	
MOTOR VOLTAGE:	12V / 24V		12V / 24V		12V / 24V		12V / 24V		12V / 24V		12V / 24V		12V / 24V	
POWER CONSUMPTION (WATTS):	36		36		31		31		60		60		60	
INSULATION CLASS:	E		E		E		E		E		E		E	
PROTECTION CLASS:	IP40		IP40		IP40		IP40		IP40		IP40		IP40	
NOMINAL SPEED (RPM):	2800		2800		2800		2800		2700/3000		2700/3000		2700/3000	
WEIGHT:	2.2 lbs.	1.0 Kg	2.2 lbs.	1.0 Kg	1.5 lbs.	.72 Kg	1.5 lbs.	.72 Kg	2.6 lbs.	1.2 Kg	2.6 lbs.	1.2 Kg	2.6 lbs.	1.2 Kg

* = 2 twin models
AC models consult factory.



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