

WOB-L® PISTON

Pumps and Compressors

8005 Series

MODELS:

Standard models available.

8005-0077, 8005-0039

Other models based on availability and minimum purchase.

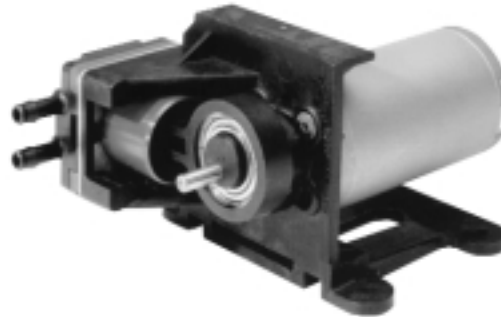
FEATURES:

- Oil-less, non-lubricated piston and cylinder
- Compact design
- Balanced for smooth, low vibration operation
- Suitable for continuous running

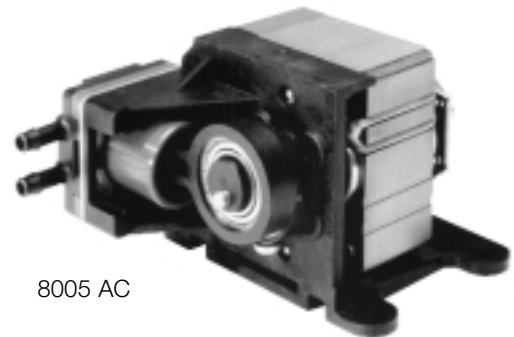
Consult factory for custom applications

DIMENSIONS:

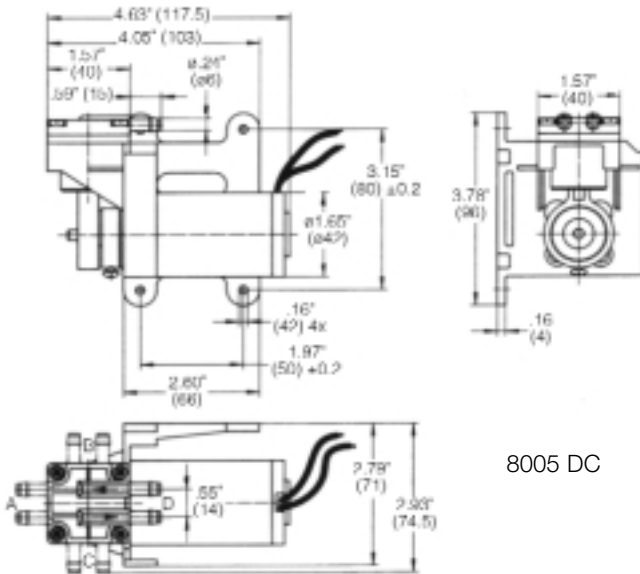
Millimeters are in ()



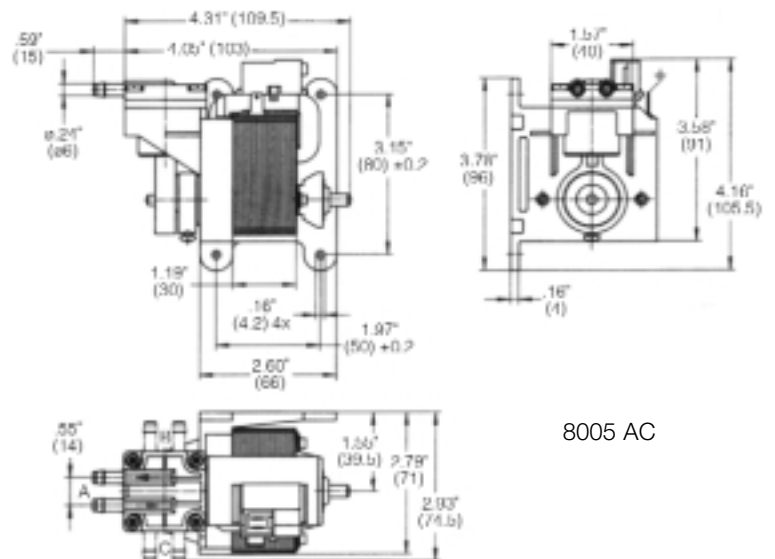
8005 DC



8005 AC



8005 DC



8005 AC

ISO 9001
CERTIFIED

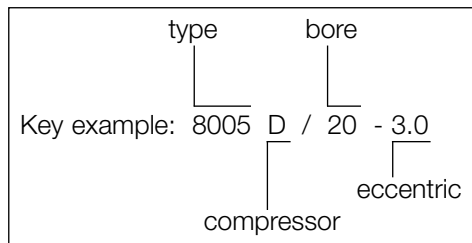
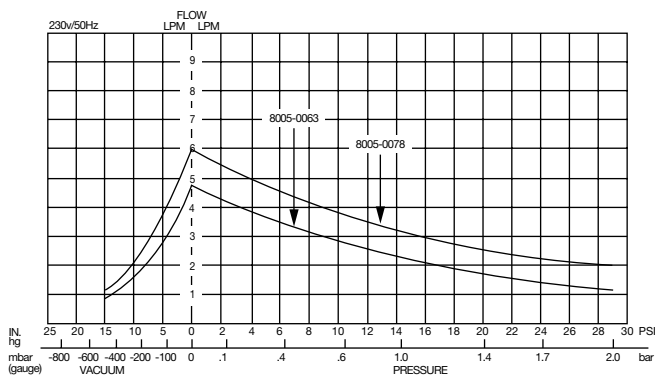
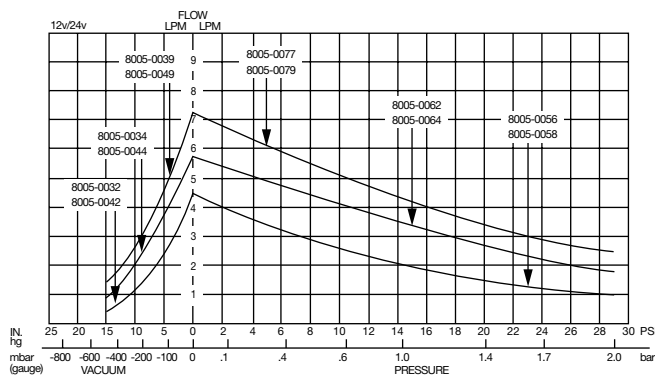
**THOMAS**
PUMPS & COMPRESSORS

8005 SERIES PERFORMANCE DATA

PRESSURE MODEL		8005-0056 8005-0058		8005-0062 8005-0064		8005-0077 STANDARD 8005-0079	
12v 24v 230v/50Hz		—		—		—	
PRESSURE:		Flow @ 12v / 24v		Flow @ 12v / 24v		Flow @ 12v / 24v	
LPM @ PSI	LPM @ bar	8005D 20-3.0		8005D 20-4.0		8005D 22-4.0	
PSI	bar	LPM	LPM	LPM	LPM	LPM	LPM
0	0	4.5	4.5	5.8	5.8	7.2	7.2
5	.2	3.9	4.1	4.9	5.2	6.3	6.6
10	.4	3.1	3.7	4.1	4.7	5.1	6.0
15	.6	2.4	3.3	3.5	4.3	4.3	5.4
20	.8	2.0	2.9	2.6	3.9	3.2	4.8
25	1.0	1.5	2.6	2.3	3.5	2.9	4.3
	1.4		2.0		2.8		3.4
	1.7		1.5		2.3		2.9
	2.0		2.0		1.8		2.4
MAX. CONTINUOUS PRESSURE:		21.8 PSI	1.5 bar	21.8 PSI	1.5 bar	21.8 PSI	1.5 bar
MAX. INTERMITTENT PRESSURE:		36.3 PSI	2.5 bar	36.3 PSI	2.5 bar	36.3 PSI	2.5 bar
MAX. RESTART PRESSURE:		36.3 PSI	2.5 bar	36.3 PSI	2.5 bar	36.3 PSI	2.5 bar

VACUUM MODEL		8005-0032 8005-0042		8005-0034 8005-0044		8005-0039 STANDARD 8005-0049	
12v 24v 230v/50Hz		—		—		—	
VACUUM:		Flow @ 12v / 24v		Flow @ 12v / 24v		Flow @ 12v / 24v	
LPM @ IN. hg	LPM @ mbar (gauge)	8005V 20-3.0		8005V 20-4.0		8005V 22-4.0	
IN. hg	mbar (gauge)	LPM	LPM	LPM	LPM	LPM	LPM
0	0	4.5	4.5	5.8	5.8	7.2	7.2
5	-200	3.3	3.0	4.3	3.8	6.0	4.8
10	-400	2.5	1.7	3.1	2.3	3.9	3.0
15	-600	1.0	0.4	1.6	0.9	2.2	1.4
MAX. VACUUM:		20.1" Hg	-680 mbar	21.6" Hg	-730 mbar	23.1" Hg	-780 mbar
MAX. RESTART VACUUM:		20.1" Hg	-680 mbar	21.6" Hg	-730 mbar	23.1" Hg	-780 mbar
AMBIENT TEMPERATURE:		50°-104°F	10°-40°C	50°-104°F	10°-40°C	50°-104°F	10°-40°C
GAS TEMPERATURE:		50°-104°F	10°-40°C	50°-104°F	10°-40°C	50°-104°F	10°-40°C
MOTOR VOLTAGE:		12v / 24v		12v / 24v		12v / 24v	
POWER CONSUMPTION (WATTS):		20		26		32	
INSULATION CLASS:		E		E		E	
PROTECTION CLASS:		IP40		IP40		IP40	
WEIGHT:		2.4 lbs.	1.1 Kg	2.4 lbs.	1.1 Kg	2.4 lbs.	1.1 Kg

* AC voltages available – consult factory



1419 Illinois Avenue, P.O. Box 29
Sheboygan, WI 53082-0029 USA
(920) 457-4891 Fax (920) 451-4276
Internet: <http://www.thomaspumps.com>