

MINIATURE DIAPHRAGM

MODELS:

Standard models available.

5002-0408, 5002-0019

5002-0582, 5002-0010

Other models based on availability and minimum purchase.

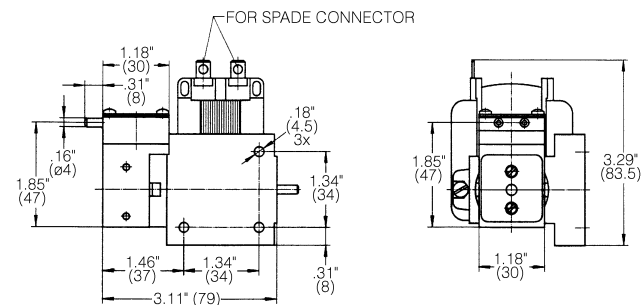
FEATURES:

- Oil-less
- Maintenance free
- Low noise level
- Restart capability against pressure or vacuum
- Wide range of wetted parts
- Small, lightweight
- High efficiency

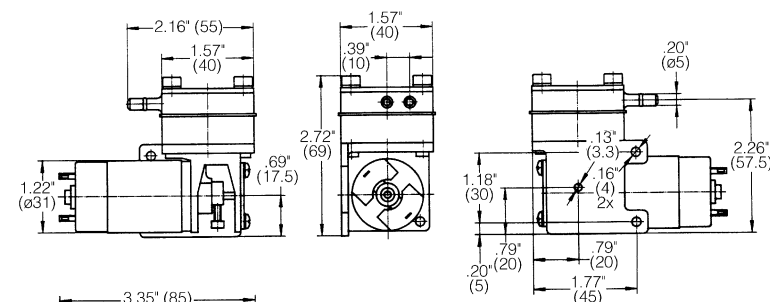
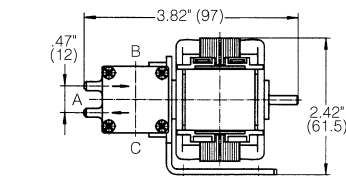
Consult factory for custom applications

DIMENSIONS:

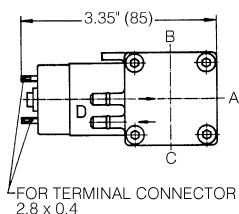
Millimeters are in ()



5002 AC



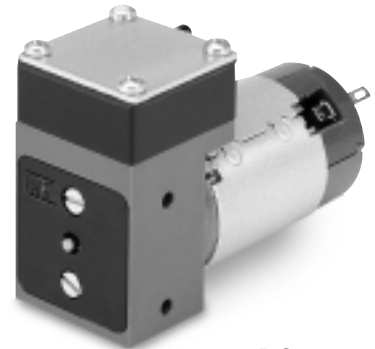
5010 DC



Pumps & Compressors 5002/5010 Series



5002 AC

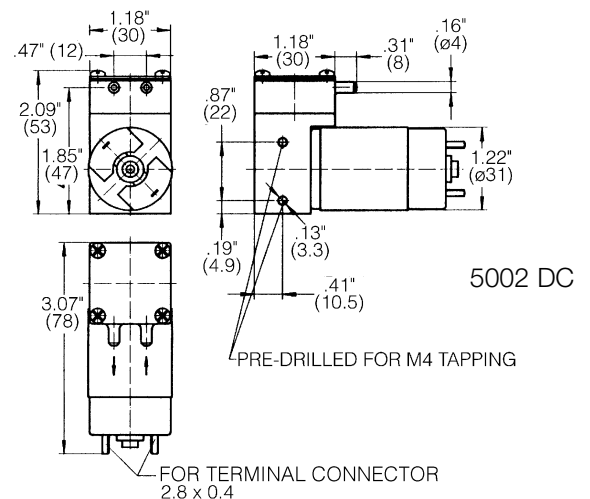


5002 DC



5010 DC

ISO 9001
CERTIFIED

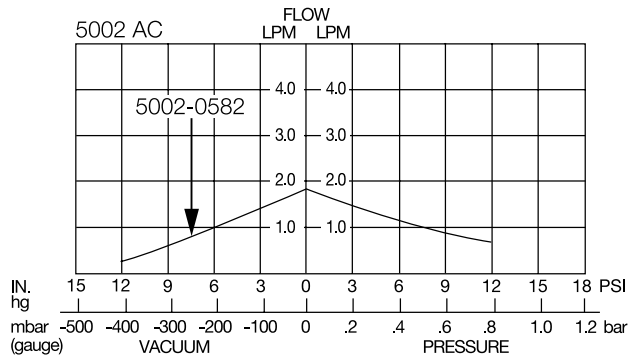
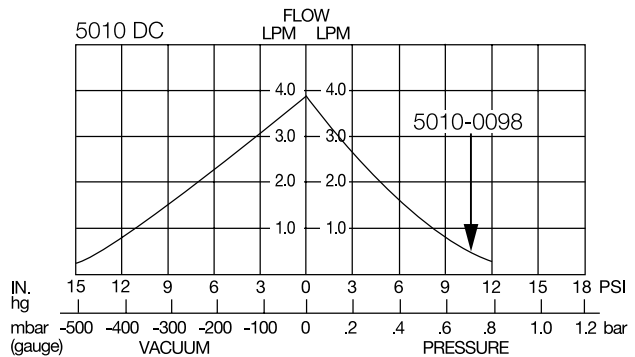
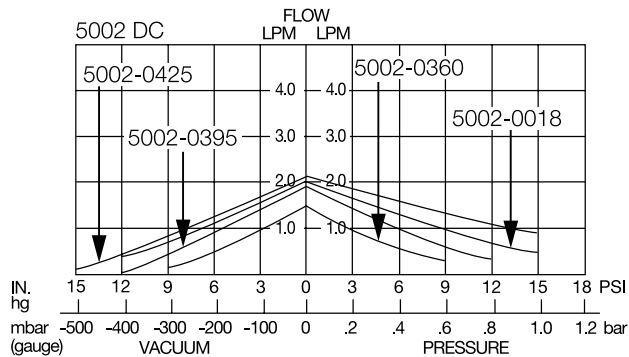


5002 DC

THOMAS
PUMPS & COMPRESSORS

5002/5010 SERIES PERFORMANCE DATA:

COMPRESSOR MODEL NUMBER:		6v	5002-0360	5002-0395		5002-0018		5002-0425		5010-0098		—			
		12v	5002-0368	5002-0406		5002-0408-STANDARD		5002-0434		5010-0003		—			
		24v	5002-0384	5002-0414		5002-0019-STANDARD		5002-0444		5010-0095		5002-0582-STANDARD			
		115v/60	—	—		—		—		—		5002-0010-STANDARD			
		230v/50	—	—		—		—		—					
PRESSURE:		Flow @ 6v/12v/24v		Flow @ 6v/12v/24v		Flow @ 6v/12v/24v		Flow @ 6v/12v/24v		Flow @ 6v/12v/24v		Flow @ 115v/60 or 230v/50			
LPM @ PSI		LPM @ bar													
PSI		bar		LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM		
0		0		1.5	1.5	1.8	1.8	2.0	2.0	2.2	2.2	3.8	3.8	1.7	1.7
3		.2		1.1	1.1	1.4	1.4	1.6	1.6	1.9	1.9	2.6	2.6	1.5	1.5
5		.4		.8	.7	1.2	1.0	1.4	1.3	1.7	1.6	1.8	1.7	1.3	1.2
7		.6		.5	.3	.9	.7	1.1	1.0	1.6	1.4	1.5	.9	1.1	.9
10		.8				.7	.4	1.0	.8	1.4	1.1	1.0	.3	1.0	.7
12		1.0				.4		.8	.5	1.1	.9	.3		.7	
15								.5		.9					
MAX. CONTINUOUS PRESSURE:		4 PSI	0.3 bar	4 PSI	0.3 bar	4 PSI	0.3 bar	4 PSI	0.3 bar	4 PSI	0.3 bar	4 PSI	0.3 bar		
MAX. INTERMITTENT PRESSURE:		10 PSI	0.7 bar	13 PSI	0.9 bar	17 PSI	1.2 bar	17 PSI	1.2 bar	13 PSI	0.9 bar	17 PSI	1.2 bar		
MAX. RESTART PRESSURE:		10 PSI	0.7 bar	13 PSI	0.9 bar	17 PSI	1.2 bar	17 PSI	1.2 bar	9 PSI	0.6 bar	0 PSI	0 bar		
VACUUM:		Flow @ 6v/12v/24v		Flow @ 6v/12v/24v		Flow @ 6v/12v/24v		Flow @ 6v/12v/24v		Flow @ 6v/12v/24v		Flow @ 115v/60 or 230v/50			
LPM @ IN. hg		LPM @ mbar (gauge)													
IN. hg		mbar (gauge)		LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM		
0		0		1.5	1.5	1.8	1.8	2.0	2.0	2.2	2.2	3.8	3.8	1.7	1.7
3		-100		1.1	1.1	1.4	1.4	1.6	1.6	1.8	1.8	2.7	2.7	1.3	1.3
5		-200		.7	.6	1.0	.9	1.3	1.2	1.5	1.4	1.5	1.9	1.0	.9
7		-300		.5	.2	.8	.5	1.1	.8	1.3	1.0	1.2	1.3	.7	.6
10		-400		.3		.6	.1	.9	.4	1.1	.6	1.4	.8	.5	.3
12		-500				.1		.4		.6	.2	.8	.3	.3	
15										.2		.3			
MAX. VACUUM:		10.4" hg	-350 mbar	12.7" hg	-430 mbar	14.8" hg	-500 mbar	16.3" hg	-550 mbar	16.3" hg	-550 mbar	14.8" hg	-500 mbar		
MAX. RESTART VACUUM:		10.4" hg	-350 mbar	12.7" hg	-430 mbar	14.8" hg	-500 mbar	16.3" hg	-550 mbar	16.3" hg	-550 mbar	0" hg	0 mbar		
AMBIENT TEMPERATURE:		50°-122°F	10°-50°C	50°-122°F	10°-50°C	50°-122°F	10°-50°C	50°-122°F	10°-50°C	50°-122°F	10°-50°C	50°-104°F	10°-40°C		
MOTOR TYPE:		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Shaded Pole			
MOTOR VOLTAGE:		6/12/24		6/12/24		6/12/24		6/12/24		6/12/24		115/60/1 or 230/50/1			
POWER CONSUMPTION (WATTS):		2.3		3.0		4.1		5		5		—			
PROTECTION CLASS:		IP00		IP00		IP00		IP00		IP00		IP00			
INSULATION CLASS:		E		E		E		E		E		E			
WEIGHT:		.3 lbs.	.13 Kg	.3 lbs.	.13 Kg	.3 lbs.	.13 Kg	.3 lbs.	.13 Kg	.6 lbs.	.25 Kg	1.3 lbs.	.6 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.



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