

MINIATURE DIAPHRAGM

Compressors and Vacuum Pumps

7012 Series

MODELS:

Standard models available.

7012-0006, 7012-0007

FEATURES:

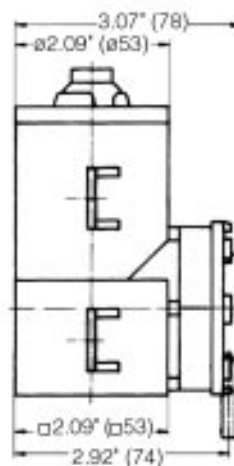
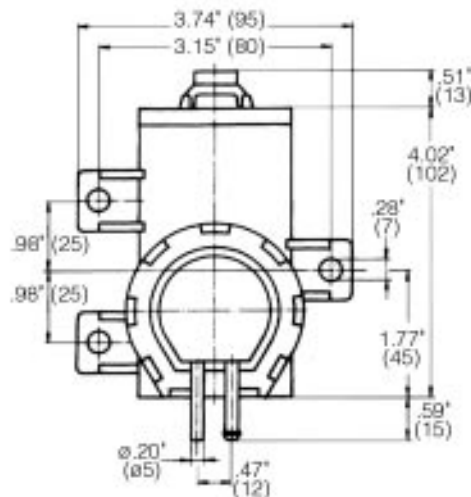
- Oil-less design
- Maintenance free
- Low noise level
- Balanced for smooth low vibration

Consult factory for custom applications



DIMENSIONS:

Millimeters are in ()



Pump Materials:

- Pump & motor housing
- PA glass fiber reinforced

Diaphragm: Perbunan

Valves: Neoprene

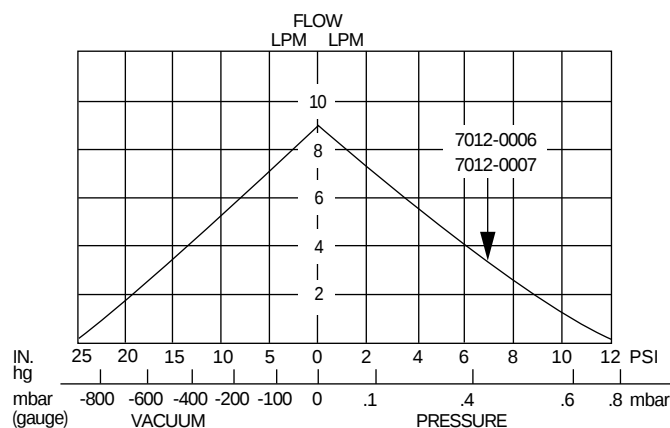
Accessories:

- Vibration Mounts
Art. Nr. 2901-3581
- Special Nut M4
Art Nr. 5902-3800
- 3-stage filter
Art. Nr. 4900-3410

7012 SERIES PERFORMANCE DATA:

		STANDARD		STANDARD	
MODEL NUMBER:		7012-0006		7012-0007	
VOLTAGE:		12V		24V	
PRESSURE:		Flow @ 12V		Flow @ 24V	
LPM @ PSI	LPM @ mbar				
PSI	mbar	LPM	LPM	LPM	LPM
0	0	9.0	9.0	9.0	9.0
3	100	6.1	7.5	6.1	7.5
5	200	4.6	6.1	4.6	6.1
6	300	3.7	5.0	3.7	5.0
8	400	1.8	3.8	1.8	3.8
10	500	1.3	2.9	1.3	2.9
	600		2.0		2.0
	700		1.3		1.3
MAX. PRESSURE:		12.3 PSI	850 mbar	12.3 PSI	850 mbar
MAX. CONTINUOUS PRESSURE:		10.8 PSI	750 mbar	10.8 PSI	750 mbar
MAX. RESTART PRESSURE:		7.3 PSI	500 mbar	7.3 PSI	500 mbar

VACUUM:		Flow @ 12V		Flow @ 24V	
LPM @ IN. hg	LPM @ mbar (gauge)				
IN. hg	mbar (gauge)	LPM	LPM	LPM	LPM
0	0	9.0	9.0	9.0	9.0
3	-50	7.5	8.3	7.5	8.3
6	-100	6.0	7.5	6.0	7.5
9	-200	4.9	6.1	4.9	6.1
12	-300	3.7	5.0	3.7	5.0
15	-400	2.7	3.9	2.7	3.9
18	-500	1.9	2.9	1.9	2.9
20	-600	1.3	2.0	1.3	2.0
	-700		1.3		1.3
MAX. VACUUM:		25.1" hg	-800 mbar	25.1" hg	-800 mbar
MAX. RESTART VACUUM:		14.8" hg	-500 mbar	14.8" hg	-500 mbar
AMBIENT TEMPERATURE:		32°-122°F	0°-50°C	32°-122°F	0°-50°C
MOTOR TYPE:		PM		PM	
MOTOR VOLTAGE:		12V		24V	
MAX. CURRENT		.8 A		.4 A	
WEIGHT:		1.2 lbs.	.54 Kg	1.2 lbs.	.54 Kg.



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