

MINIATURE DIAPHRAGM

Pumps and Compressors

3003 Series

MODELS:

Standard models available.

3003-0362, 3003-0312, 3003-1505

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

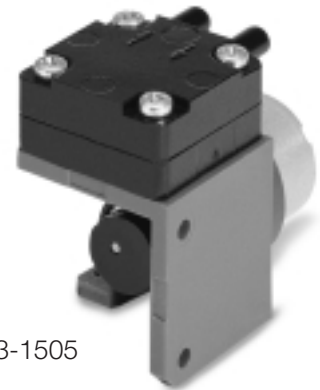
Consult factory for custom applications

DIMENSIONS:

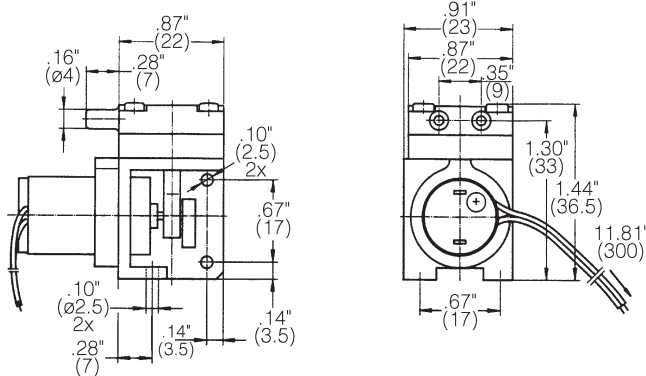
Millimeters are in ()



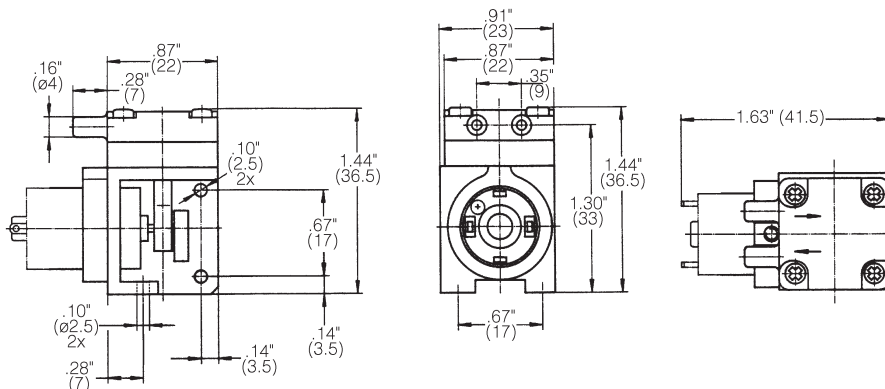
3003-0312



3003-1505



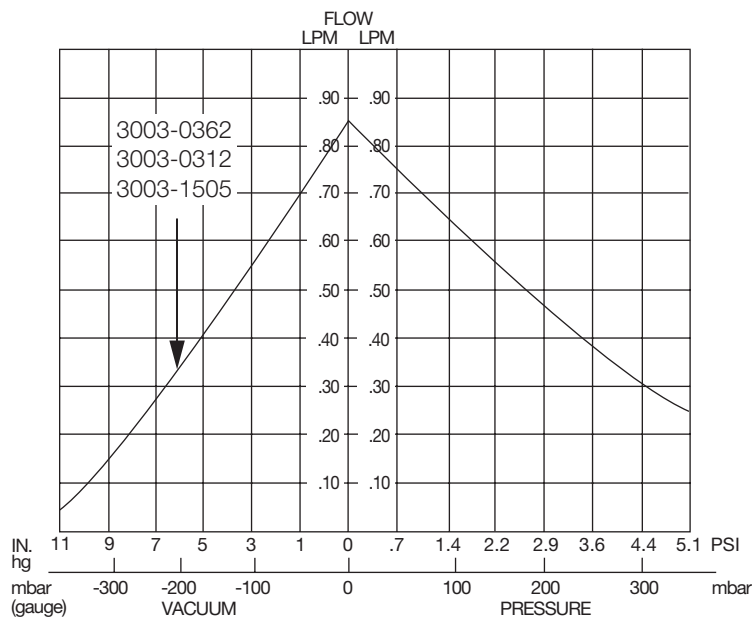
3003-0312



3003-1505

3003 SERIES PERFORMANCE DATA:

COMPRESSOR MODEL NUMBER:		3.5v 4.5v 6v 12v	— 3003-0506 3003-0362-STANDARD 3003-0312-STANDARD	3003-1505-STANDARD 3003-0507 — —	
PRESSURE:			Flow @ 4.5v/6v/12v		Flow @ 3.5v/4.5v
LPM @ PSI	LPM @ mbar				
PSI	mbar	LPM	LPM	LPM	LPM
0	0	.85	.85	.85	.85
1	50	.68	.70	.68	.70
2	100	.50	.58	.50	.58
3	150	.42	.48	.42	.48
4	200	.31	.40	.31	.40
5	250	.24	.34	.24	.34
	300		.29		.29
	350		.25		.25
MAX. CONTINUOUS PRESSURE:		3 PSI	200 mbar	3 PSI	200 mbar
MAX. INTERMITTENT PRESSURE:		9 PSI	650 mbar	9 PSI	650 mbar
MAX. RESTART PRESSURE:		3 PSI	200 mbar	3 PSI	200 mbar
VACUUM:		Flow @ 4.5v/6v/12v		Flow @ 3.5v/4.5v	
LPM @ IN. hg	LPM @ mbar (gauge)				
IN. hg	mbar (gauge)	LPM	LPM	LPM	LPM
0	0	.85	.85	.85	.85
2	-50	.67	.68	.67	.68
5	-100	.39	.54	.39	.54
7	-150	.26	.42	.26	.42
9	-200	.13	.32	.13	.32
10	-250	.08	.22	.08	.22
	-300		.13		.13
	-350		.05		.05
MAX. VACUUM:		11.3" hg	-380 mbar	11.3" hg	-380 mbar
MAX. RESTART VACUUM:		5.9" hg	-200 mbar	5.9" hg	-200 mbar
AMBIENT TEMPERATURE:		32°-122°F	0°-50°C	32°-122°F	0°-50°C
MOTOR TYPE:		DC		DC	
MOTOR VOLTAGE:		4.5/6/12		3.5/4.5	
POWER CONSUMPTION (WATTS):		.5		.9	
INSULATION CLASS:		E		E	
WEIGHT:		40g	40g	35g	35g



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