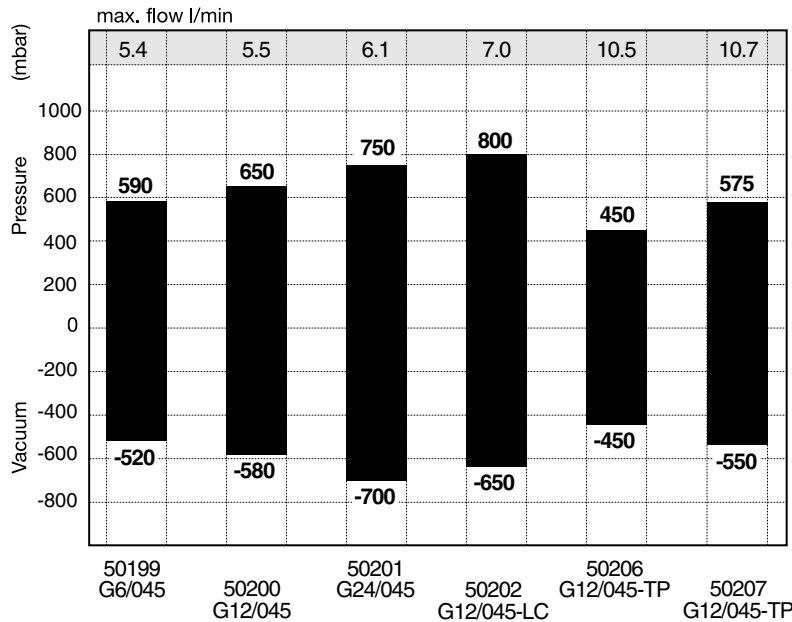


G045 SERIES DIMENSIONS: Millimeters are in ()

		STANDARD				STANDARD				STANDARD			
MODEL DESCRIPTION:		G6/045		G12/045		G24/045		G12/045-LC		G12/045-TP		G24/045-TP	
COMPRESSOR ARTICLE NUMBER:		50199		50200		50201		50202		50206		50207	
HEAD CONFIGURATION:		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum	
PRESSURE:		Flow @ 6v		Flow @ 12v		Flow @ 24v		Flow @ 12v		Flow @ 12v		Flow @ 24v	
LPM @ PSI	LPM @ mbar												
PSI	mbar	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0	0	5.4	5.4	5.5	5.5	6.1	6.1	7.0	7.0	10.5	10.5	10.7	10.7
1.0	50	5.2	5.0	5.2	5.5	6.6	6.2	7.2	7.5	8.7	9.0	10.4	10.3
1.5	100	4.5	4.5	4.5	4.5	5.8	5.8	6.5	6.5	8.0	8.0	10.0	10.0
3.0	200	3.3	3.3	3.8	3.8	4.9	4.9	5.5	5.5	6.0	6.0	8.7	8.7
5.0	400	1.2	1.5	2.7	2.3	2.9	3.2	4.8	4.5	2.0	0.5	4.1	4.5
7.5	600			1.2	0.4		1.5	3.9	3.5				
10.0	800							2.8	2.0				
MAX. CONTINUOUS PRESSURE:		2.2 PSI	150 mbar	2.2 PSI	150 mbar	2.2 PSI	150 mbar	—	—	2.17 PSI	150 mbar	7.25 PSI	500 mbar
MAX. INTERMITTENT PRESSURE:		8.6 PSI	590 mbar	9.4 PSI	650 mbar	10.9 PSI	750 mbar	11.6 PSI	800 mbar	6.52 PSI	450 mbar	8.34 PSI	575 mbar
VACUUM:		Flow @ 6v		Flow @ 12v		Flow @ 24v		Flow @ 12v		Flow @ 12v		Flow @ 24v	
LPM @ IN. Hg	LPM @ mbar												
IN. Hg	mbar (gauge)	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM	LPM
0	0	5.4	5.4	5.5	5.5	6.1	6.1	7.0	7.0	10.0	10.0	10.7	10.7
1.5	-100	4.2	4.2	4.9	4.2	5.5	5.0	6.2	5.5	8.5	7.0	10.1	9.5
3.0	-200	2.9	2.9	4.2	3.1	5.0	4.0	5.5	4.5	7.0	5.0	9.5	7.8
5.0	-400	1.8	1.2	3.4	1.2	1.9	2.3	4.8	2.5	5.6		3.7	4.2
10.0	-600			1.8			0.8	3.1	1.0				
MAX. CONTINUOUS VACUUM:		4.4" hg	-150 mbar	4.4" hg	-150 mbar	4.4" hg	-150 mbar	—	—	4.4" hg	-150 mbar	4.4" hg	-150 mbar
MAX. INTERMITTENT VACUUM:		15.4" hg	-520 mbar	17.2" hg	-580 mbar	20.7" hg	-700 mbar	19.2" hg	-650 mbar	*13.3" hg	-450 mbar	**16.0" hg	-550 mbar
RPM:		4500		4500		4600		6000		#		#	
MOTOR TYPE:		PM		PM		PM		PM		PM		PM	
MOTOR VOLTAGE:		6vDC		12vDC		24vDC		12vDC		12vDC		24vDC	
POWER CONSUMPTION (WATTS):		15		16		19		30		30		35	
INSULATION CLASS:		E		E		E		F		E		E	
ROTATIONAL DIRECTION:		CW/CCW		CW/CCW		CW/CCW		CW/CCW		CW/CCW		CW/CCW	
WEIGHT:		.44 lbs	0.2 Kg	.44 lbs	0.2 Kg	.44 lbs	0.2 Kg	.55 lbs	0.25 Kg	.73 lbs	0.33 Kg	.73 lbs	0.33 Kg

* 20.7" hg optional if pump is configured as staged for maximum vacuum.

** 23.1" hg optional if pump is configured as staged for maximum vacuum.



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.