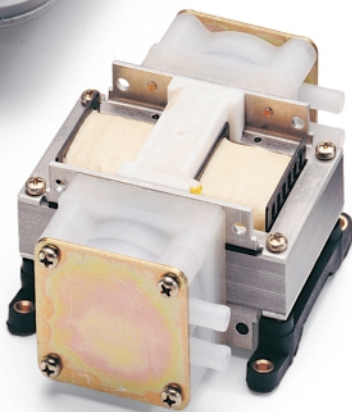
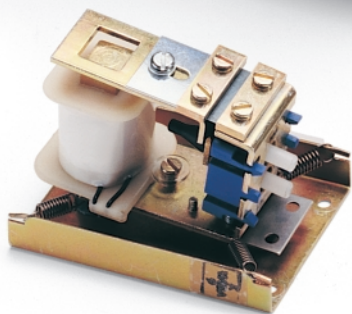


OEM CATALOG

Vibrating/Linear Air Compressors & Vacuum Pumps




THOMAS[®]
COMPRESSORS
& VACUUM PUMPS
First Name in Innovation

Vibrating/Linear Air Compressors & Vacuum Pumps

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Classical Vibrating Armature Air Compressors

MODEL SERIES	WATTS	MOTOR CAPACITY VOLTAGE TYPE*		COMPRESSOR PERFORMANCE														MAX. PRESSURE				
				@	LPM @ PSI						LPM @ bar								CONT.		INT.	
					0	1	2	5	10	15	0	.1	.2	.3	.5	.8	1.0	PSI	bar	PSI	bar	
1060014	2	115	VA	115/60	1.0	0.6	0.3				1.0	0.6	0.3					3.9	0.3	3.9	0.3	
1070004	2	115	VA	115/60	1.1	0.7	0.4				1.1	0.5						2.9	0.2	2.9	0.2	
1110004	5	115	VA	115/60	5.0	3.1	2.2				5.0	2.4	2.0	0.7				4.6	0.3			
1120086	5	115	VA	115/60	5.0	3.1	2.2				5.0	2.4	2.0	0.7				4.6	0.3			
1130001	5	115	VA	115/60																		
2010028	7	115	VA	115/60	4.6	4.0	3.0	0.9			4.6	3.8	2.1	1.0				6.5	0.5	7.0	0.5	
2020032	7	115	VA	115/60	4.6	4.0	3.0	0.9			4.6	3.8	2.1	1.0				6.5	0.5	7.0	0.5	
2030020	7	115	VA	115/60																		
3010045	8	115	VA	115/60	8.4	6.5	6.0	3.6			8.4	6.5	5.1	4.0	2.0			10.0	0.7	10.0	0.7	
3020097	8	115	VA	115/60	8.5	7.0	6.0	3.5			8.5	6.5	5.2	4.0	2.0			10.0	0.7	10.0	0.7	
3030148	8	115	VA	115/60	6.6	4.5	2.2															
3110004	6	115	VA	115/60	6.5	4.4	1.9				6.5	4.4	1.9					3.9	.27			
3120002	6	115	VA	115/60	6.3	4.0	1.7				6.3	4.0	1.7					3.9	.27			
3620002	15	115	VA	115/60	8.2	5.1	2.0				8.2	5.1						3.2	.22			

Vibrating armature pumps are manufactured in Wuppertal, Germany.
Available in 230/50, DC voltages, please consult factory.

Linear Air Compressors

MODEL SERIES	MFG. CODE	WATTS	MOTOR CAPACITY VOLTAGE TYPE*		@	COMPRESSOR PERFORMANCE															MAX. PRESSURE CONT.			
						CFM @ PSI							LPM @ bar								PSI		bar	
						0	1	2	3	4	5	6	7	0	.1	.2	.3	.4	.5	PSI	bar	PSI	bar	
662		30	115/230/DC	LM		.6	.5	.4	.1					17.0	13.0	8.0	4.5			6.0	0.4	6.0	0.4	
663		30	115/230/DC	LM																				
674		30	115/230/DC	LM		.8	.6	.5						22.0	16.0	7.5	1.0			4.3	0.3	4.3	0.3	
5003SE	150053	5	115	LM	115/60	.3	.2	.1						9.3						1.0	.07	2.2	.15	
5004SE	150061	6	115	LM	115/60	.4	.3	.2						11.3	6.1					2.0	.14	3.0	.21	
5006SE	150022	10	115	LM	115/60	.7	.4	.2						20.1	9.0					2.0	.14	2.8	.19	
5015SE	150023	12	115	LM	115/60	1.0	.7	.4	.3					27.5	19.0	11.9	7.1	.6		3.0	.21	4.1	.28	
5020SE	150017	14	115	LM	115/60	1.1	.8	.5	.3	.1				30.9	22.9	14.2	9.3	3.4		3.0	.21	4.5	.31	
5030SE	150019	28	115	LM	115/60	2.1	1.7	1.2	.6	.2				59.5	46.7	32.8	17.6	5.1		3.0	.21	4.5	.31	
5040SE	150020	41	115	LM	115/60	2.7	2.2	1.6	1.0	.4	.1			77.6	61.7	44.7	27.5	11.9	1.4	3.5	.24	5.1	.35	
5050SE	150021	46	115	LM	115/60	2.9	2.4	1.8	1.2	.6	.2			79.3	67.4	51.0	34.5	17.6	5.9	3.5	.24	5.5	.38	
6025SE**	150057	32	115	LM	115/60	1.5	1.2	.9	.6	.3				42.4	29.7	17.0	4.2			4.0	.28	5.0	.35	
5006**	150018	6	115	LM	115/60	.9	.5	.2						25.2	13.6	4.2				2.0	.14	2.6	.17	
5015**	150026	10	115	LM	115/60	1.1	.8	.5	.2					30.0	22.4	13.6	5.4			2.5	.17	3.8	.26	
5020**	150000	15	115	LM	115/60	1.2	1.0	.7	.4	.2				35.1	28.3	20.4	11.6	4.5		3.0	.21	4.5	.31	
5030-A**	150035	33	115	LM	115/60	2.0	1.6	1.2	.7	.1				56.6	40.5	21.0				3.0	.21	4.2	.29	
5040-A**	150037	44	115	LM	115/60	2.3	2.0	1.6	1.1	.6	.1			65.1	50.7	33.0	12.0			3.5	.24	5.1	.35	
5060-A**	150039	69	115	LM	115/60	3.2	2.8	2.4	1.9	1.4	.8	.3		90.6	73.9	54.6	34.1	11.8		4.0	.28	6.3	.43	
5070-A**	150041	78	115	LM	115/60	3.5	3.1	2.8	2.4	2.0	1.6	1.1	.6	97.7	84.1	68.5	52.1	33.4	12.9	4.0	.28	7.7	.53	
5080S**	150043	87	115	LM	115/60	4.0	3.7	3.3	2.8	2.0	1.2	.3		112.4	105.6	94.0	77.9	57.8	35.1	3.5	.24	6.3	.43	
5100S**	150044	107	115	LM	115/60	4.6	4.4	4.0	3.4	2.7	1.9	1.1		130.8	123.7	112.4	96.6	76.7	53.8	4.0	.28	7.2	.50	
5120S**	150045	157	115	LM	115/60	5.7	5.4	4.9	4.3	3.6	2.8	2.0	1.2	160.6	152.3	139.3	122.3	103.1	80.4	4.5	.31	8.3	.57	
5150S**	150046	168	115	LM	115/60	7.7	7.1	6.1	5.0	4.2	2.3	.7		218.9	201.0	172.4	141.9	118.9	65.1	3.5	.24	6.6	.45	
5200S**	150047	261	115	LM	115/60	9.6	8.8	8.1	7.1	5.9	4.8	3.3	1.6	270.4	248.6	227.9	201.3	167.1	134.8	4.5	.31	8.2	.56	
5020V	150001	11	115	LM	115/60	1.2	.9	.6	.3	.1				32.8	26.1	17.6	8.2	2.5		3.0	.21	4.4	.30	
5030V-A	150036	27	115	LM	115/60	2.0	1.6	1.2	.7	.2				55.5	44.5	32.8	19.3	4.2		3.0	.21	4.3	.30	
5040V-A	150038	37	115	LM	115/60	2.3	1.9	1.6	1.1	.7				64.0	53.8	44.2	31.1	19.3		3.5	.24	5.2	.36	
5060V-A	150040	62	115	LM	115/60	3.2	2.9	2.5	2.1	1.6	1.2	.7		90.9	80.7	70.8	59.5	46.2	34.5	4.0	.28	7.0	.48	
5070V-A	150042	81	115	LM	115/60	3.7	3.4	3.0	2.6	2.2	1.7	1.3	.8	103.6	94.9	83.5	74.5	62.3	48.4	4.5	.31	8.0	.55	

* VA - Vibrating Armature LM - Linear Magnet ** Standard Models available—All others based on availability and minimum purchase. This is representative of data.



Vacuum Pumps

MODEL SERIES	@	VACUUM PERFORMANCE								MAX. VACUUM	
		LPM @ IN. HG.				LPM @ mbar				IN. HG.	mbar
		0	5	10	15	0	100	200	400		
1100004											
1120086											
1130001	115/60	1.0				1.0	0.5			6.3	-210
2010028											
2020032											
2030020	115/60	5.5	3.0	1.3		5.5	4.0	2.3	0.6	13.5	-450
3010045											
3020097	115/60	8.5	2.0			8.5	4.6	0.7		6.3	-210
3030148											
3110004											
3120002	115/60	5.6	3.0			5.6	4.1	2.0		10.3	-350
3620002											

Vacuum Pumps

MODEL SERIES	@	VACUUM PERFORMANCE								MAX. VACUUM			
		CFM @ IN. HG				LPM @ mbar				CONT.		INT.	
		0	5	10	15	0	100	200	400	IN. HG.	mbar	IN. HG.	mbar
662													
663		.5	.4	.2		15.0	11.0	5.0		10.5	-350		
674		.8	.4			22.0	15.0	7.0		9.0	-300		
5003SE	115												
5004SE	115												
5006SE	115												
5015SE	115												
5020SE	115												
5030SE	115												
5040SE	115												
5050SE	115												
6025SE**	115	1.4	1.0	.6	.3	39.6	22.0	17.1		7.5	-250	7.5	-250
5006**	115												
5015**	115												
5020**	115												
5030-A**	115												
5040-A**	115												
5060-A**	115												
5070-A**	115												
5080S**	115												
5100S**	115												
5120S**	115												
5150S**	115												
5200S**	115												
5020V	115	1.2	.4			32.8	11.0			6.0	-203	8.5	-287
5030V-A	115	1.9	.9			54.7	24.4			6.0	-203	9.0	-304
5040V-A	115	2.2	1.2	.2		62.9	34.8	5.9		7.5	-253	10.9	-368
5060V-A	115	3.1	2.0	.9		88.1	57.8	26.6		9.5	-321	13.9	-469
5070V-A	115	3.6	2.5	1.3	.2	101.1	71.1	37.9	6.8	11.0	-371	15.7	-530

THOMAS VIBRATING/LINEAR AIR COMPRESSORS & VACUUM PUMPS

Specially Designed for OEM Applications

Oil-less Linear Air Compressors and Vacuum Pumps

Reusable air filter that can be removed, cleaned and replaced on pressure models.

Energy source has low power consumption and low starting current amp draw.

Long-life diaphragm for dependable performance.

Cast aluminum housing for quiet operation.

Chamber designed for low pulsation.



For more information on Vibrating/Linear Air Compressors and Vacuum Pumps, or on the products listed below, contact your Thomas representative, or call or write Thomas Industries.

 **Piston Air Compressors and Vacuum Pumps**

 **Rotary Air Compressors and Vacuum Pumps**

 **Diaphragm Air Compressors and Vacuum Pumps**

 **Liquid/Peristaltic Pumps**

 **Air Powered Vacuum Pumps**

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 the 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 presented in this catalog are only a small sampling of those available. Models shown can be equipped with a choice of optional motors, heads, strokes, diaphragm materials, corrosion protections and other accessories. To obtain further information, contact your local Thomas distributor or Thomas' main office. Photos of models pictured in this catalog are representative of the series and do not represent a specific model number. Consult factory for detailed physical description.

