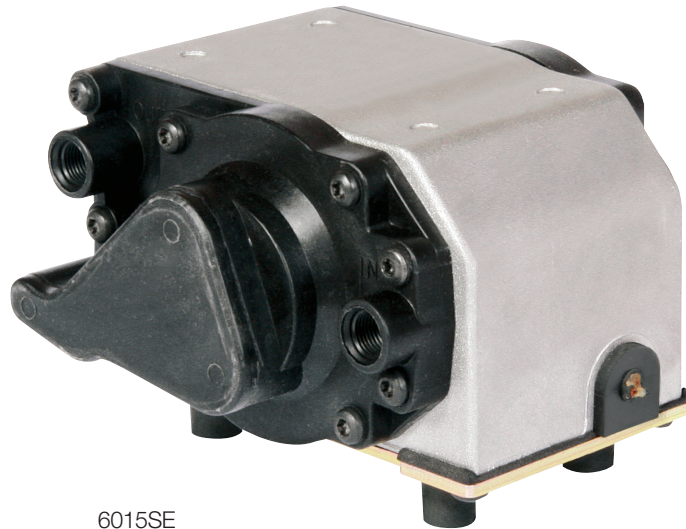


# LINEAR SERIES

## MODELS

6015SE 115/60 (150098)  
6025SE 115/60 (150057)  
6025SE 230/50/60 (150058)  
6025SE 12VDC (150108)  
6025SE 12VDC\* (150112)  
6025SE 24VDC (150109)  
6025SE 24VDC\* (150113)

\* with optional control input leads



6015SE  
6025SE

## FEATURES

- Low power consumption
- High efficiency
- Quiet operation
- Low starting current
- Low vibration
- Low pulsations
- Few moving parts
- No bearings
- Available with optional 4-20 mA controller input (DC Models with control input leads)

## BENEFITS

- Low operating cost
- Oil-less design
- Low noise - no expensive sound insulation required
- Low operating temperatures
- No need for pulsation chamber
- Less friction and heat — longer life
- Variable Output (with control input option) DC Models

Thomas Division is an ISO 9001 registered company

**THOMAS**  
A Gardner Denver Product

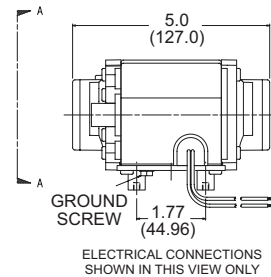
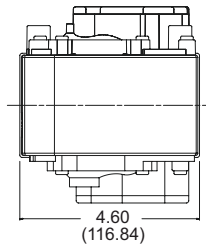
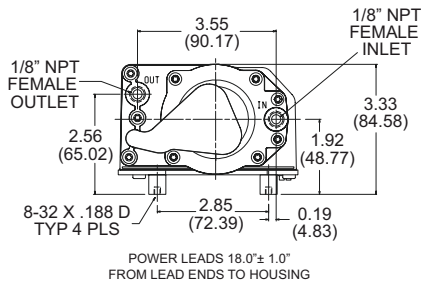
USAThomas.com

(800) 799-4568 | 3810 Prospect Ave, Ste. A, Yorba Linda, CA 92886

# Linear Series Performance Data

<b>MODEL NUMBERS</b>		<b>6015SE</b>			
<b>MANUFACTURING CODE</b>		150098			
<b>HEAD CONFIGURATION</b>		Pressure/Vacuum			
<b>PRESSURE</b>		Flow @ 115/60			
CFM @ PSI	LPM @ bar	CFM	LPM	AMPS	WATTS
0	0	1.10	31.1	0.23	15
1	.1	0.62	10.5	0.23	12
2		0.09		0.24	9
<b>MAX. CONTINUOUS PRESSURE</b>		2.0 PSI		0.14 bar	
<b>MAX. INTERMITTENT PRESSURE</b>		2.0 PSI		0.14 bar	
<b>VACUUM</b>		Flow @ 115/60			
CFM @ IN.hg	LPM @ mbar (gauge)	CFM	LPM	AMPS	WATTS
0	0	1.10	31.0	0.24	15
2	-50	0.63	18.0	0.24	12
4	-100	0.10	9.0	0.24	9
<b>MAX. CONTINUOUS VACUUM</b>		4" hg		140 mbar	
<b>MAX. AMBIENT TEMPERATURE</b>		104°F		40°C	
<b>MIN. AMBIENT TEMPERATURE</b>		32°F		0°C	
<b>MOTOR VOLTAGE/FREQUENCY</b>		115/60/1			
<b>THERMAL PROTECTOR</b>		Single Trip			
<b>NET WEIGHT</b>		2.7 lbs.		1.2 Kg	
<b>SHIP WEIGHT</b>		3.8 lbs.		1.7 Kg	

## 6015SE



WIRING LEGEND				
	12VDC	24VDC	115VAC	230VAC
<b>Black</b>			X	
<b>White</b>			X	
<b>Red</b>				
<b>Yellow</b>				

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.

# Linear Series Performance Data

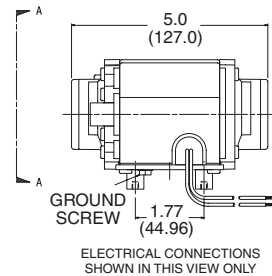
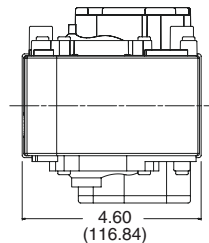
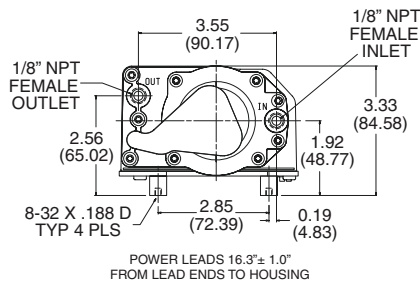
\* with optional control input leads

MODEL NUMBERS		6025SE				6025SE				6025SE				6025SE			
MANUFACTURING CODE		150057				150058				150108 150112*				150109 150113*			
HEAD CONFIGURATION		Pressure/Vacuum				Pressure/Vacuum				Pressure/Vacuum				Pressure/Vacuum			
PRESSURE		Flow @ 115/60				Flow @ 230/50/60				Flow @ 12VDC				Flow @ 24VDC			
CFM @ PSI	LPM @ bar	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS
0	0	2.05	58.0	0.20	18	1.95/2.13	55.2/60.3	0.13/0.15	22/27	1.50	42.5	2.7	36	1.50	42.5	1.5	36
1	.1	1.75	44.6	0.38	34	1.71/1.86	43.6/46.5	0.18/0.20	31/37	1.08	28.0	2.5	30	1.08	28.0	1.3	30
2	.2	1.35	26.9	0.37	32	1.36/1.43	27.6/30.5	0.18/0.19	31/34	0.73	12.5	2.1	25	0.73	12.5	1.1	25
3	.3	0.90	10.1	0.34	26	0.96/1.04	8.3/8.4	0.19/0.17	29/28	0.41	2.1	1.8	22	0.41	2.1	0.8	22
4		0.45		0.32	21	0.33/0.60		0.21/0.16	24/23	0.16		1.5	18	0.16		0.7	18
<b>MAX. CONTINUOUS PRESSURE</b>		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar	
<b>MAX. INTERMITTENT PRESSURE</b>		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar	
<b>VACUUM</b>		Flow @ 115/60				Flow @ 230/50/60				Flow @ 12VDC				Flow @ 24VDC			
CFM @ IN.hg	LPM @ mbar(g)	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS
0	0	2.05	58.0	0.20	18	1.95/2.13	55.2/60.3	0.13/0.15	22/27	1.50	42.5	2.7	36	1.50	42.5	1.5	36
2	-50	1.57	48.0	0.39	35	1.49/1.55	44.9/46.0	0.19/0.20	34/38	1.09	34.0	2.5	30	1.09	34.0	1.3	30
4	-100	1.13	38.1	0.36	31	1.09/1.12	36.8/37.0	0.19/0.18	32/33	0.74	26.0	2.1	25	0.74	26.0	1.1	25
6	-150	0.77	29.8	0.33	26	0.70/0.76	28.1/29.3	0.18/0.17	29/28	0.43	19.0	1.8	22	0.43	19.0	0.8	22
8	-200	0.39	21.9	0.29	19	0.22/0.45	20.0/22.0	0.20/0.15	24/22	0.17	12.5	1.5	18	0.17	12.5	0.7	18
<b>MAX. CONTINUOUS VACUUM</b>		8" hg		-271 mbar		8" hg		-271 mbar		8" hg		-271 mbar		8" hg		-271 mbar	
<b>MAX. AMBIENT TEMPERATURE</b>		104°F		40°C		104°F		40°C		104°F		40°C		104°F		40°C	
<b>MIN. AMBIENT TEMPERATURE</b>		32°F		0°C		32°F		0°C		32°F		0°C		32°F		0°C	
<b>MOTOR VOLTAGE/FREQUENCY</b>		115/60/1				230/50/60/1				12VDC				24VDC			
<b>THERMAL PROTECTOR</b>		Single Trip				Single Trip				No				No			
<b>NET WEIGHT</b>		3.3 lbs.		1.5 Kg		3.3 lbs.		1.5 Kg		3.3 lbs.		1.5 Kg		3.3 lbs.		1.5 Kg	
<b>SHIP WEIGHT</b>		4.2 lbs.		1.9 Kg		4.2 lbs.		1.9 Kg		4.2 lbs.		1.9 Kg		4.2 lbs.		1.9 Kg	

T13-0180

T13-0172

## 6025SE

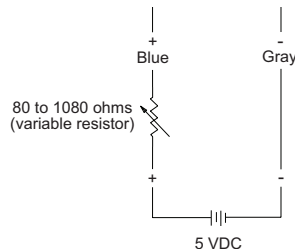


WIRING LEGEND				
	12VDC	24VDC	115VAC	230VAC
<b>Black</b>	(-)	(-)	X	X
<b>White</b>			X	X
<b>Red</b>	(+)			
<b>Yellow</b>		(+)		
<b>Gray (-) &amp; Blue (+) 4-20 mA control input leads*</b>				

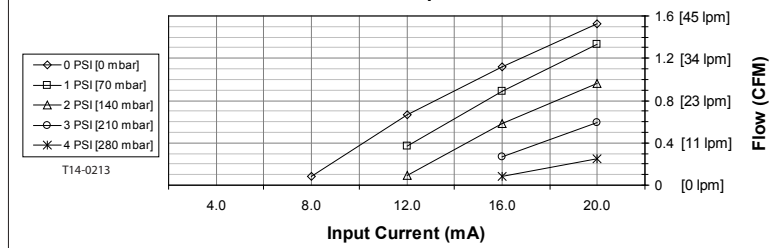
\* Optional control input leads on Mfg. Codes 150112 and 150113

### \* Optional Control Input Leads Schematic

(Variable resistor & DC power supply not included)



### 150112\* & 150113\* (with optional control input leads) Flow at Variable Input at Pressure



**THOMAS**  
A Gardner Denver Product

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.

Printed in U.S.A. Form No. 850-3375 10/14  
©2007 Gardner Denver Thomas, Inc. All rights reserved.