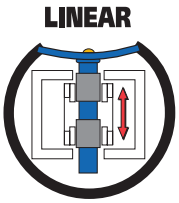
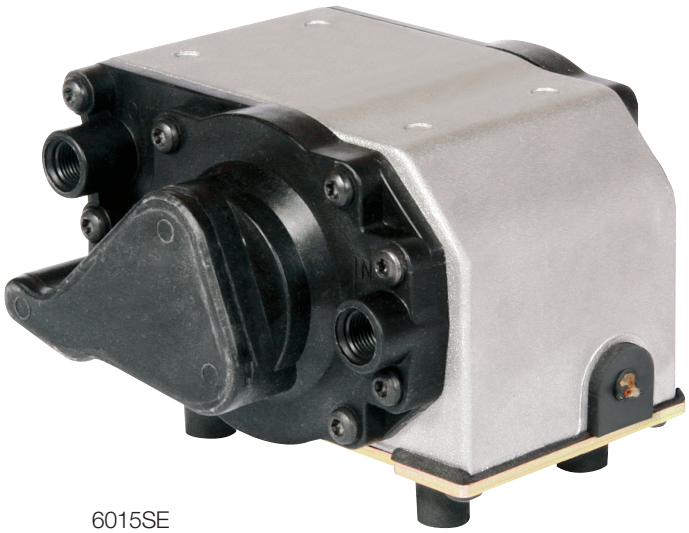


LINEAR SERIES

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

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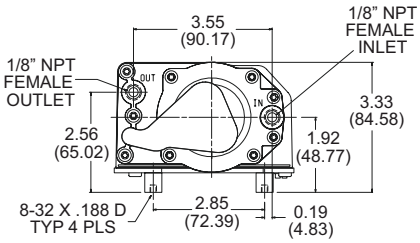
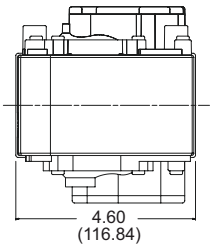
Linear Series Performance Data

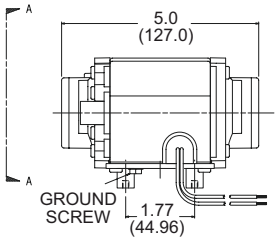
MODEL NUMBERS		6015SE			
MANUFACTURING CODE		150098			
HEAD CONFIGURATION		Pressure/Vacuum			
PRESSURE		Flow @ 115/60			
CFM @ PSI	LPM @ bar	CFM	LPM	AMPS	WATTS
0 1 2	0 .1	1.10 0.62 0.09	31.1 10.5	0.23 0.23 0.24	15 12 9
MAX. CONTINUOUS PRESSURE		2.0 PSI		0.14 bar	
MAX. INTERMITTENT PRESSURE		2.0 PSI	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

6015SE



POWER LEADS 18.0"± 1.0"
FROM LEAD ENDS TO HOUSING





ELECTRICAL CONNECTIONS
SHOWN IN THIS VIEW ONLY

WIRING LEGEND				
	12VDC	24VDC	115VAC	230VAC
Black			X	
White			X	
Red				
Yellow				

NOTE: Models pictured are representative of the series and do not represent a specific model number. Consult factory for detailed physical description.

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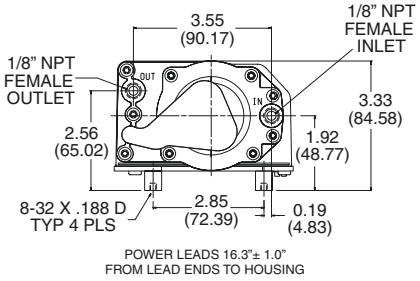
ocpneumatics.com
(800) 799-4568 | 3810 Prospect Ave, Ste. A, Yorba Linda, CA 92886

Linear Series Performance Data

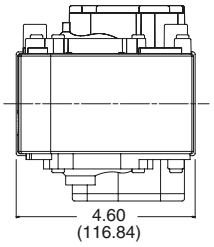
* with optional control input leads

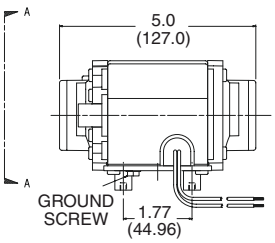
MODEL NUMBERS		6025SE				6025SE				6025SE				6025SE			
MANUFACTURING CODE		150057				150058				150108 150112*				150109 150113*			
HEAD CONFIGURATION		Pressure/Vacuum				Pressure/Vacuum				Pressure/Vacuum				Pressure/Vacuum			
PRESSURE		Flow @ 115/60				Flow @ 230/50/60				Flow @ 12VDC				Flow @ 24VDC			
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
MAX. CONTINUOUS PRESSURE		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar	
MAX. INTERMITTENT PRESSURE		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar	
VACUUM		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
MAX. CONTINUOUS VACUUM		8" hg		-271 mbar		8" hg		-271 mbar		8" hg		-271 mbar		8" hg		-271 mbar	
MAX. AMBIENT TEMPERATURE		104°F		40°C		104°F		40°C		104°F		40°C		104°F		40°C	
MIN. AMBIENT TEMPERATURE		32°F		0°C		32°F		0°C		32°F		0°C		32°F		0°C	
MOTOR VOLTAGE/FREQUENCY		115/60/1				230/50/60/1				12VDC				24VDC			
THERMAL PROTECTOR		Single Trip				Single Trip				No				No			
NET WEIGHT		3.3 lbs.		1.5 Kg		3.3 lbs.		1.5 Kg		3.3 lbs.		1.5 Kg		3.3 lbs.		1.5 Kg	
SHIP WEIGHT		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



POWER LEADS 16.3"± 1.0"
FROM LEAD ENDS TO HOUSING



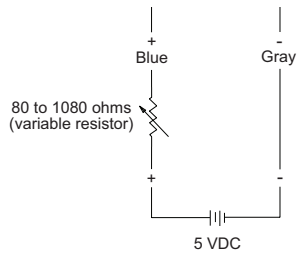


ELECTRICAL CONNECTIONS
SHOWN IN THIS VIEW ONLY

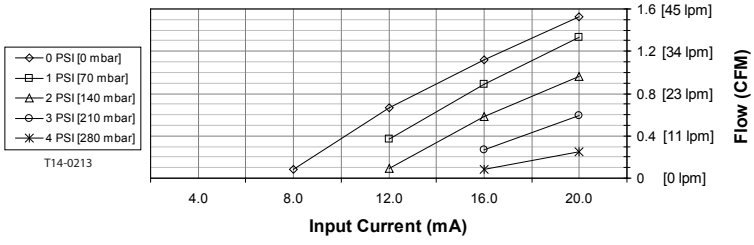
WIRING LEGEND				
	12VDC	24VDC	115VAC	230VAC
Black	(-)	(-)	X	X
White			X	X
Red	(+)			
Yellow		(+)		
Gray (-) & Blue (+) 4-20 mA control input leads*				

* 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



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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.

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