

LINEAR

Compressors and Vacuum Pumps

6025 Series

MODELS:

Standard models available.

6025SE, 6025SE/230

Other models based on availability and minimum purchase.

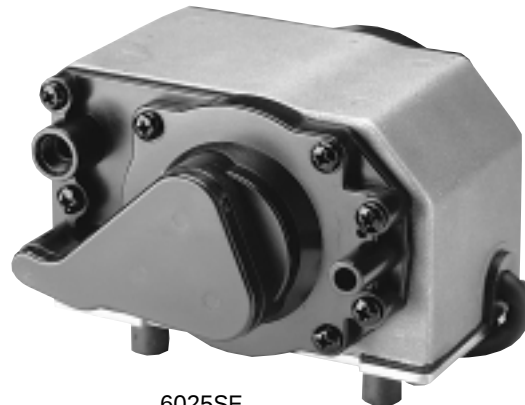
FEATURES:

- Low power consumption
- High efficiency
- Quiet operation
- Low starting current
- Low vibration
- Low pulsations
- Few moving parts
- No bearings
- UL component recognition
- TÜV and CE approval (6025SE/230 only)

BENEFITS:

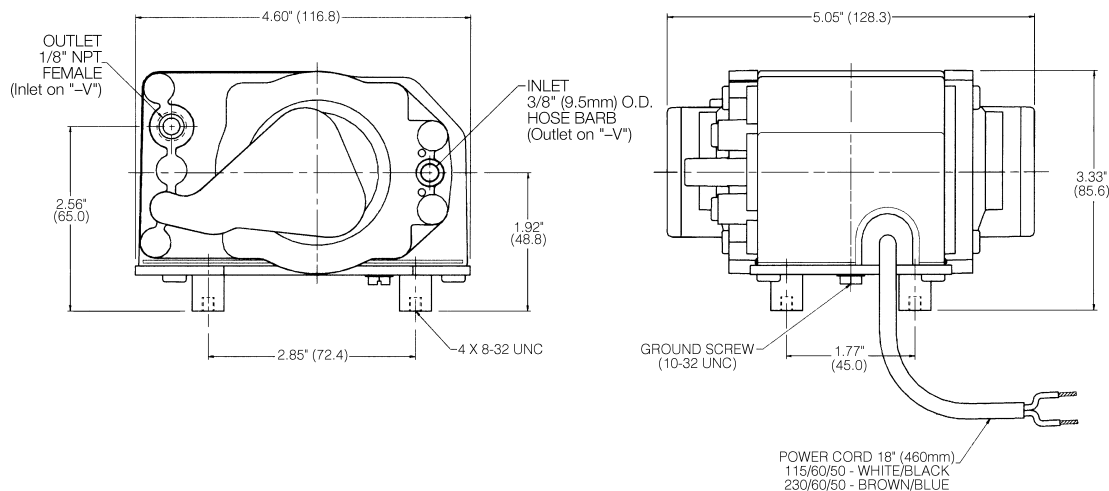
- Low operating cost
- Oil-less design
- No expensive sound insulation required
- Low operating temperatures
- No need for pulsation chamber
- Less friction and heat — longer life
- Low noise

Consult factory for custom applications



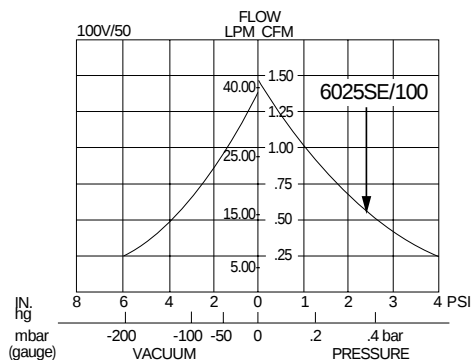
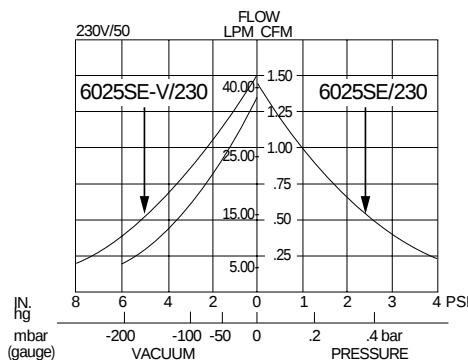
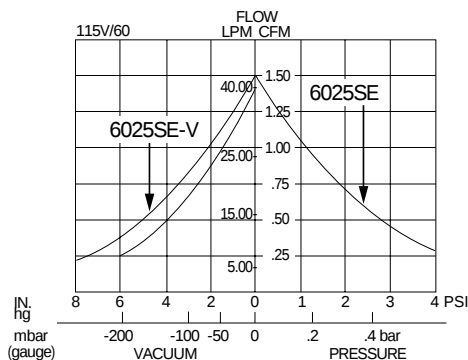
6025SE

DIMENSIONS: Millimeters are in ()



6025 SERIES PERFORMANCE DATA:

		STANDARD				STANDARD															
MODEL NUMBER:		6025SE				6025SE/230				6025SE-V				6025SE-V/230				6025SE/100			
MANUFACTURING CODE:		150057				150058				150068				150069				150070			
HEAD CONFIGURATION:		Pressure/Vacuum				Pressure/Vacuum				Vacuum				Vacuum				Pressure/Vacuum			
PRESSURE:		Flow @ 115V/60				Flow @ 230V/50				Flow @ 115V/60				Flow @ 230V/50				Flow @ 100V/50			
CFM @ PSI	LPM @ bar																				
PSI	bar	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS
0	0	1.50	42.4	0.4	32	1.40	39.6	0.2	28									1.45	41.1	0.4	29
1	.1	1.20	29.7	0.4	16	1.12	26.2	0.2	27									1.15	28.3	0.4	28
2	.2	.87	17.0	0.4	12	.80	14.8	0.2	25									.85	15.0	0.4	25
3	.3	.56	4.2	0.4	7	.50	5.0	0.2	21									.55	4.2	0.4	22
4	.4	.26		0.3	7	.23		0.2	18									.25		0.5	20
MAX. CONTINUOUS PRESSURE:		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar										4.0 PSI		0.28 bar	
MAX. INTERMITTENT PRESSURE:		5.0 PSI		0.35 bar		5.5 PSI		0.38 bar										5.0 PSI		0.35 bar	
VACUUM:		Flow @ 115V/60				Flow @ 230V/50				Flow @ 115V/60				Flow @ 230V/50				Flow @ 100V/50			
CFM @ IN.hg	LPM @ mbar (gauge)																				
IN.hg	mbar (gauge)	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS	CFM	LPM	AMPS	WATTS
0	0	1.40	39.6	0.4	32	1.35	38.2	0.2	28	1.50	42.5	0.4	35	1.50	42.5	0.4	35	1.35	38.2	0.4	29
2	-50	1.00	30.0	0.4	30	.93	29.4	0.2	28	1.20	36.8	0.4	32	1.20	36.8	0.4	32	.95	28.3	0.4	28
4	-100	.58	22.0	0.3	25	.53	21.8	0.2	25	.80	27.5	0.4	27	.80	27.5	0.4	27	.55	21.0	0.4	25
6	-150	.25	14.5	0.3	20	.20	14.1	0.2	22	.50	20.7	0.4	23	.50	20.7	0.4	23	.25	12.7	0.4	22
8	-200		7.1				6.8			.20	14.7	0.3	15	.20	14.7	0.3	15		7.1	0.5	20
10												0.3	12			0.3	12				
MAX. VACUUM:		7.5" Hg		-250 mbar		7.5" Hg		-250 mbar		10.0" Hg		-338 mbar		10.0" Hg		-338 mbar		7.5" Hg		-250 mbar	
MAX. AMBIENT TEMPERATURE:		104°F		40°C		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		32°F		0°C	
MAX. RESTART PRESSURE:		4.0 PSI		0.28 bar		4.0 PSI		0.28 bar										4.0 PSI		0.28 bar	
MAX. RESTART VACUUM:		7.5" Hg		-250 mbar		7.5" Hg		-250 mbar		10.0" Hg		-338 mbar		10.0" Hg		-338 mbar		7.5" Hg		-250 mbar	
MOTOR VOLTAGE/FREQUENCY:		115/60/50/1				230/50/60/1				115/60/50/1				230/50/60/1				100/60/50/1			
THERMAL PROTECTOR:		Single Trip				Single Trip				Single Trip				Single Trip				Single Trip			
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		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		4.2 lbs.		1.9 Kg	



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.

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COMPRESSORS
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