



PROVAC
SALES

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MD Pneumatics Competitor SL

Technical Specifications

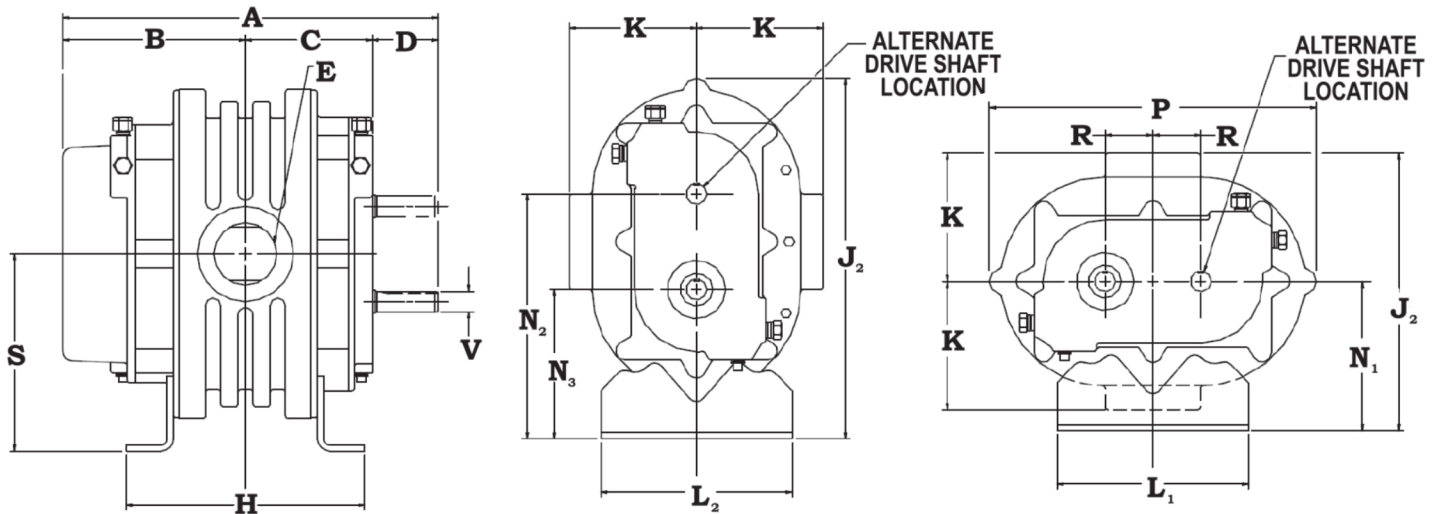
MODEL	MAXIMUM RPM	MAXIMUM PRESSURE DIFFERENTIAL*	MAXIMUM VACUUM*	MAXIMUM TEMPERATURE RISE*	MAWP
2002	5,275	12 psi (827 mbar)	16 inch-Hg (542 mbar)	225°F (125°C)	15 psi (1,034 bar)
2004	5,275	7 psi (483 mbar)	16 inch-Hg (542 mbar)	185°F (103°C)	15 psi (1,034 bar)
3002	3,600	15 psi (1,034 mbar)	16 inch-Hg (542 mbar)	210°F (117°C)	15 psi (1,034 bar)
3003 (2-lobe)	3,600	15 psi (827 mbar)	15 inch-Hg (508 mbar)	260°F (100°C)	15 psi (1,034 bar)
3003 (3-lobe)	3,600	12 psi (827 mbar)	15 inch-Hg (508 mbar)	260°F (100°C)	15 psi (1,034 bar)
3006	3,600	7 psi (483 mbar)	15 inch-Hg (508 mbar)	170°F (94°C)	15 psi (1,034 bar)
4002	3,600	15 psi (1,034 mbar)	16 inch-Hg (542 mbar)	220°F (122°C)	17 psi (1,172 bar)
4005	3,600	10 psi (690 mbar)	16 inch-Hg (542 mbar)	210°F (117°C)	15 psi (1,034 bar)
4007 (2-lobe)	3,600	17 psi (483 mbar)	15 inch-Hg (508 mbar)	260°F (94°C)	15 psi (1,034 bar)
4007 (3-lobe)	3,600	7 psi (483 mbar)	15 inch-Hg (508 mbar)	260°F (94°C)	15 psi (1,034 bar)
5003	2,850	15 psi (1,034 mbar)	16 inch-Hg (542 mbar)	260°F (108°C)	17 psi (1,172 bar)
5006 (2-lobe)	2,850	18 psi (896 mbar)	16 inch-Hg (542 mbar)	195°F (108°C)	15 psi (1,034 bar)
5006 (3-lobe)	2,850	15 psi (896 mbar)	16 inch-Hg (542 mbar)	195°F (108°C)	15 psi (1,034 bar)
5009 (2-lobe)	2,850	14 psi (483 mbar)	15 inch-Hg (508 mbar)	250°F (89°C)	15 psi (1,034 bar)
5009 (3-lobe)	2,850	8 psi (483 mbar)	15 inch-Hg (508 mbar)	250°F (89°C)	15 psi (1,034 bar)
6005	2,350	15 psi (1,034 mbar)	16 inch-Hg (542 mbar)	260°F (139°C)	17 psi (1,172 bar)
6008	2,350	14 psi (965 mbar)	16 inch-Hg (542 mbar)	260°F (133°C)	15 psi (1,034 bar)
6015	2,350	7 psi (483 mbar)	12 inch-Hg (406 mbar)	180°F (100°C)	15 psi (1,034 bar)
7006	2,050	15 psi (1,034 mbar)	16 inch-Hg (542 mbar)	235°F (131°C)	17 psi (1,172 bar)
7011	2,050	10 psi (690 mbar)	16 inch-Hg (542 mbar)	210°F (117°C)	15 psi (1,034 bar)
7018	2,050	6 psi (414 mbar)	12 inch-Hg (406 mbar)	120°F (67°C)	15 psi (1,034 bar)

* Maximum conditions based upon 70°F (21°C) inlet temperature and 14.7 psi (1 bar) absolute inlet pressure.



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Dimensions



Model Size	Style	A	B	C	D	E	H	J1	J2	K	L1	L2	N1	N2	N3	P	R	S	V
3002	2-lobe	11.56	5.69	3.38		1¼" NPT	6.75												
3003		12.44	6.19	3.75	2.50	2" NPT	7.63	8.94	12.81	3.94	7.25	7.25	5.00	8.50	5.00	12.19	1.75	6.75	.875
3006		14.81	7.38	4.94		2½" NPT	10.00												
3003	3-lobe	12.38	6.13	4.19	2.06	2" NPT	7.63	9.63	12.81	4.63	7.25	7.25	5.00	8.50	5.00	12.19	1.75	6.75	.875
3006		14.75	7.31	5.38		2½" NPT	10.00												
4002	2-lobe	12.94	6.25	3.69		1½" NPT	7.25												
4005		15.69	7.63	5.06	3.00	2½" NPT	10.00	10.63	15.13	4.38	8.00	8.00	6.25	10.25	6.25	13.69	2.00	8.25	.875
4007		17.44	8.50	5.94		3" NPT	11.75												
4005	3-lobe	15.69	7.63	5.31	2.75	2½" NPT	10.00	11.56	15.13	5.13	8.00	8.00	6.25	10.25	6.25	13.69	2.00	8.25	.875
4007		17.44	8.50	6.19		3" NPT	11.75												
5003	2-lobe	15.25	7.38	4.50		2½" NPT	8.38												
5006		17.88	8.69	5.81	3.38	4" NPT	11.00	12.13	17.38	5.38	10.50	10.50	6.75	11.25	6.25	17.19	2.50	8.75	1.125
5009		20.88	10.19	7.31		4" NPT	14.00												
5006	3-lobe	17.88	8.69	6.13	3.13	4" NPT	11.06	13.25	17.38	6.50	10.50	10.50	6.75	11.25	6.25	17.19	2.50	8.75	1.125
5009		20.88	10.19	7.63		4" NPT	14.06												
6005	2-lobe	18.75	9.44	5.63		3" NPT	10.13	15.06		6.25									
6008		21.75	10.94	7.13	3.69	5" NPT	13.13	15.06	21.69	6.25	17.00	11.00	8.75	14.75	8.75	19.81	3.00	11.75	1.375
6015		28.75	14.44	10.63		6" FLG	20.13	16.44		7.50									

Values shown are approximate and should not be used for construction.

Certified drawings are available through your local Tuthill Vacuum & Blower Systems Sales Professional.



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Features & Benefits

- splash oil lubrication at both the gear & drive end of the blower
- longer bearing & seal life through improved heat dissipation
- available with Tuthill's unique noise reduction technology
- timed with precision helical gears
- reduced mechanical noise
- include double-row ball bearings at the gear end
- cylindrical roller drive shaft bearing for additional strength
- can be field converted from horizontal to vertical flow

Applications

- pneumatic conveying • vacuum excavation • dust collection • carpet cleaning • air sparging • dairy milking • wastewater aeration

