Vacuum Pumps

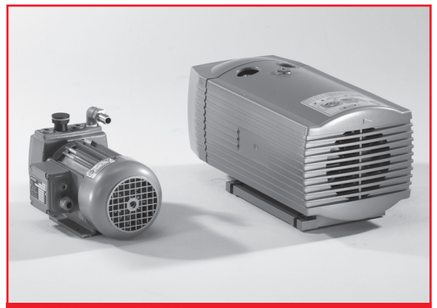
Oilless pumps VP-T

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Description
Robust, low-maintenance and long-lasting vacuum pump working after the rotation principle. The pumps have permanently lubricated suspensions, are air-cooled and work absolutely oilless. The pumps are furnished with an integrated filter insert.

Options
- additional vacuum filter
- motor protection switch, vacuum-controlled motor switch
- other voltages on request

Application
- Handling of dense to slightly porous workpieces
- can be mounted in any position



VP-T 4.4 ... VP - T4.250

Article number

Type		Integrated filter insert	Additional vacuum filter*		Additional filter insert	Motor protection switch**	Vacuum-contr. motor switch***
VP-T4.4-230V	1.41.2.0017	2.41.2.0171	VF-1/2	1.53.2.0002	2.53.2.0009	6.35.7.0004	---
VP-T4.4-230/400V	1.41.2.0016	2.41.2.0171	VF-1/2	1.53.2.0002	2.53.2.0009	6.35.7.0007	---
VP-T4.8-230V	1.41.2.0019	2.41.2.0172	VF-1/2	1.53.2.0002	2.53.2.0009	6.35.7.0001	6.35.4.0290
VP-T4.8-230/400V	1.41.2.0018	2.41.2.0172	VF-1/2	1.53.2.0002	2.53.2.0009	6.35.7.0004	6.35.4.0263
VP-T4.16-230V	1.41.2.0015	2.41.2.0120	VF-3/4	1.53.2.0006	2.53.2.0014	6.35.7.0001	6.35.4.0289
VP-T4.16-230/400V	1.41.2.0014	2.41.2.0120	VF-3/4	1.53.2.0006	2.53.2.0014	6.35.7.0000	6.35.4.0264
VP-T4.25-230/400V	1.41.2.0004	2.41.2.0099	VF-11/4A	1.53.2.0003	2.53.2.0005	6.35.7.0000	6.35.4.0265
VP-T4.40-230/400V	1.41.2.0005	2.41.2.0099	VF-11/4A	1.53.2.0003	2.53.2.0005	6.35.7.0001	6.35.4.0266
VP-T4.50-230/400V	1.41.2.0069	2.41.2.0099	VF-11/4A	1.53.2.0003	2.53.2.0005	6.35.7.0001	6.35.4.0288
VP-T4.60-EURO-230/400V	1.41.2.0044	2.41.2.0107	VF-11/4A	1.53.2.0003	2.53.2.0005	6.35.7.0002	6.35.4.0267
VP-T4.80-EURO-230/400V	1.41.2.0046	2.41.2.0107	VF-11/4B	1.53.2.0004	2.53.2.0004	6.35.7.0002	6.35.4.0268
VP-T4.100-EURO-230/400V	1.41.2.0047	2.41.2.0107	VF-11/4B	1.53.2.0004	2.53.2.0004	6.35.7.0005	6.35.4.0269
VP-T4.140-EURO-230/400V	1.41.2.0048	2.41.2.0107	VF-11/4B	1.53.2.0004	2.53.2.0006	6.35.7.0005	6.35.4.0270
VP-T4.250-EURO-400/690V	1.41.2.0049	2.41.2.0105	VF-21/2	1.53.2.0005	2.53.2.0006	6.35.7.0018	6.35.4.0271

** please order separately*
*** motor protection switch with housing for 400V, 50Hz*
**** vacuum generator is switched on and off depending on vacuum level (energy saving module).*

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Technical data

Type	Vacuum (mbar)	Suction volume (m³/h) 50 Hz	Suction volume (m³/h) 60 Hz	Suction volume (l/s) 50 Hz	Suction volume (l/s) 60 Hz	Rotation speed (1/min) 50 Hz	Rotation speed (1/min) 60 Hz	Weight (kg)	Noise level dB (A)*
VP-T4.4-230V	-850	4,1	---	1,14	---	2750	---	7,0	59
VP-T4.4-230/400V	-850	4,1	4,7	1,14	1,30	2800	3360	7,0	59
VP-T4.8-230V	-850	8,0	---	2,22	---	2700	---	11,5	58
VP-T4.8-230/400V	-850	8,0	9,1	2,22	2,53	2800	3150	11,5	58
VP-T4.16-230V	-850	16	---	4,45	---	1370	---	22,5	61
VP-T4.16-230/400V	-850	16	19	4,45	5,28	1420	1700	22,5	61
VP-T4.25-230/400V	-850	25	30	6,95	8,34	1420	1700	26,0	62
VP-T4.40-230/400V	-850	40	48	11,1	13,3	1420	1700	38,5	67
VP-T4.50-230/400V	-700	50	60	13,9	15,3	1420	1700	38,5	69
VP-T4.60-EURO-230/400V	-900	55	66	15,3	18,3	1440	1740	69,0	71
VP-T4.80-EURO-230/400V	-900	67	78	18,6	21,8	1440	1740	69,0	72
VP-T4.100-EURO-230/400V	-900	98	112	27,2	31,1	1455	1749	101	75
VP-T4.140-EURO-230/400V	-900	129	154	35,8	42,8	1460	1760	111	76
VP-T4.250-EURO-400/690V	-800	248	300	68,9	83,3	975	1175	250	77

** Angaben at 50 Hz*

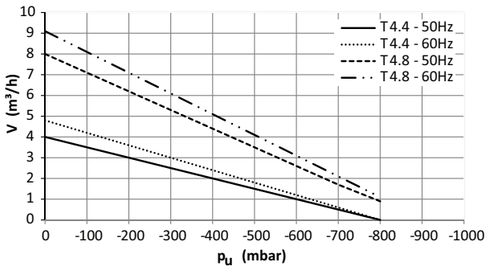
Electrical data

Type	Power (kW) 50 Hz	Power (kW) 60 Hz	Voltage (V) 50 Hz	Voltage (V) 60 Hz	Current consumption (A) 50 Hz	Current consumption (A) 60 Hz	Safety category	Efficiency category
VP-T4.4-230V	0,18	0,21	220-240	220-240	1,65	1,65	IP54	IE1
VP-T4.4-230/400V	0,18	0,21	175-260/300-450	202-300/350-520	1,08/0,62	1,08/0,62	IP54	IE1
VP-T4.8-230V	0,35	0,42	220-240	220-240	3,90	3,40	IP54	IE1
VP-T4.8-230/400V	0,35	0,44	175-260/300-450	202-300/350-520	2,35/1,35	2,4/1,4	IP54	IE1
VP-T4.16-230V	0,55	0,44	220-240	220-240	4,6/5,2	4,6/5,2	IP54	IE1
VP-T4.16-230/400V	0,55	0,70	175-260/300-450	202-300/350-520	3,8/2,25	3,9/2,25	IP54	IE1
VP-T4.25-230/400V	0,75	0,90	190-255/330-440	190-290/330-500	6,0/3,5	6,0/3,5	IP54	IE1
VP-T4.40-230/400V	1,25	1,50	190-255/330-440	190-290/330-500	6,9/4,0	6,9/4,0	IP54	IE1
VP-T4.50-230/400V	1,25	1,50	190-255/330-440	190-290/330-500	6,9/4,0	6,9/4,0	IP54	IE1
VP-T4.60-EURO-230/400V	2,4	3,0	230/400 +/-10%	265/460 +/-10%	8,4/4,8	8,1/4,6	IP54	IE2
VP-T4.80-EURO-230/400V	2,4	3,0	230/400 +/-10%	265/460 +/-10%	8,4/4,8	8,1/4,6	IP54	IE2
VP-T4.100-EURO-230/400V	3,0	3,5	230/400 +/-10%	265/460 +/-10%	10,7/6,2	10,8/6,2	IP54	IE2
VP-T4.140-EURO-230/400V	4,0	4,8	230/400 +/-10%	265/460 +/-10%	14,3/8,3	14,7/8,5	IP54	IE2
VP-T4.250-EURO-400/690V	5,5	6,3	230/400 +/-10%	265/460 +/-10%	19,9/11,5	19,9/11,5	IP54	IE2

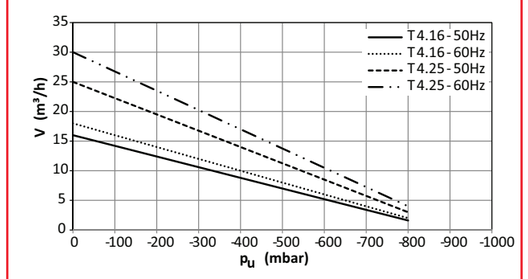
Vacuum Pumps

Oilless pumps VP-T

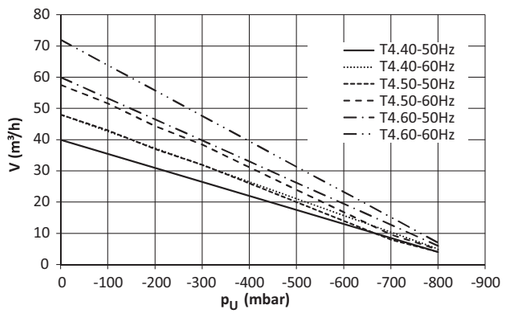
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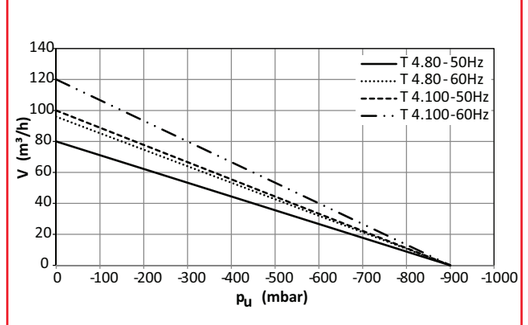
Air flow T4.4, T4.8 in dependance to grade of evacuation



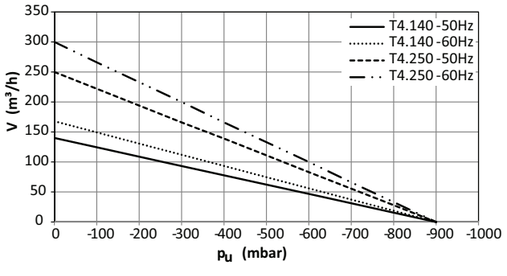
Air flow T4.16, T4.25 in dependance to grade of evacuation



Air flow T4.40, T4.60 in dependance to grade of evacuation



Air flow T4.80, T4.100 in dependance to grade of evacuation

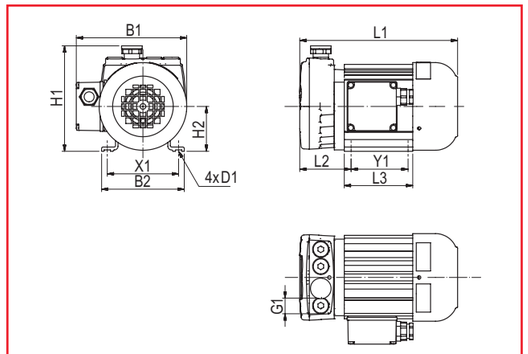


Air flow T4.140, T4.250 in dependance to grade of evacuation

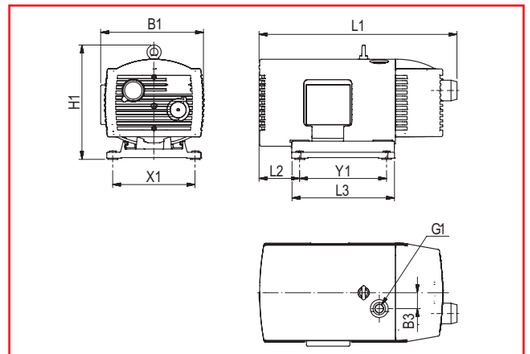
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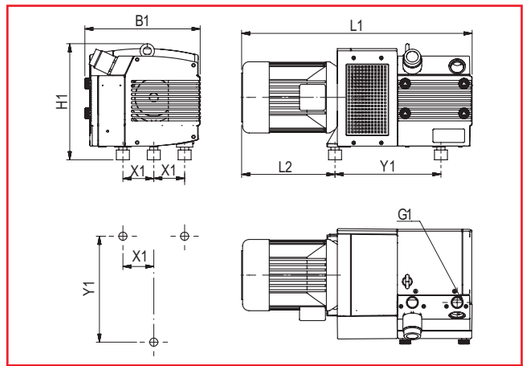
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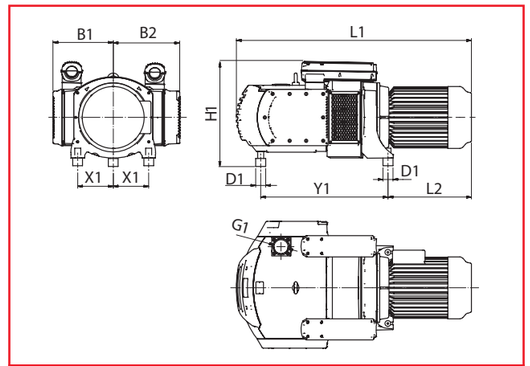
VP-T 4.4 ... VP-T4.8



VP-T 4.16 ... VP-T4.50



VP-T 4.60 ... VP-T4.140



VP-T 4.250 ... VP-T4.360

Dimensions

Type	L1	L2	L3	B1	B2	H1	G1	X1	Y1	D1
VP-T4.4-230V	221	71,5	96	155	116	148	G1/4	100	80	7
VP-T4.4-230/400V	221	71,5	96	155	116	148	G1/4	100	80	7
VP-T4.8-230V	231	61,5	96	155	116	154	G3/8	100	80	7
VP-T4.8-230/400V	231	61,5	96	155	116	154	G3/8	100	80	7
VP-T4.16-230V	452	73	242	231	155	205	G1/2	125	202	7
VP-T4.16-230/400V	452	73	242	231	155	205	G1/2	125	202	7
VP-T4.25-230/400V	505	96	260	260	238	253	G3/4	190	220	7
VP-T4.40-230/400V	572	131	260	260	238	253	G3/4	208	220	7
VP-T4.50-230/400V	572	131	260	260	238	253	G3/4	208	220	7
VP-T4.60-EURO-230/400V	709	287	---	353	---	328	G1	95	326	M8
VP-T4.80-EURO-230/400V	709	287	---	353	---	328	G1	95	326	M8
VP-T4.100-EURO-230/400V	835	297	---	470	---	336	G11/2	122,5	398	M8
VP-T4.140-EURO-230/400V	835	297	---	470	---	336	G11/2	122,5	398	M8
VP-T4.250-EURO-400/690V	1.250	481	---	644	---	580	G21/2	190	645	M10