

Karakteristika sesalne enote po IEC 62885 - 2:2021, alternativa B

Vacuum Cleaner Motor Performance in Accordance with IEC 62885 - 2:2021, alternative B

Oznake / Marking

Napetost / Voltage: 230 [V]
 Frekvenca / Frequency: 50 [Hz]

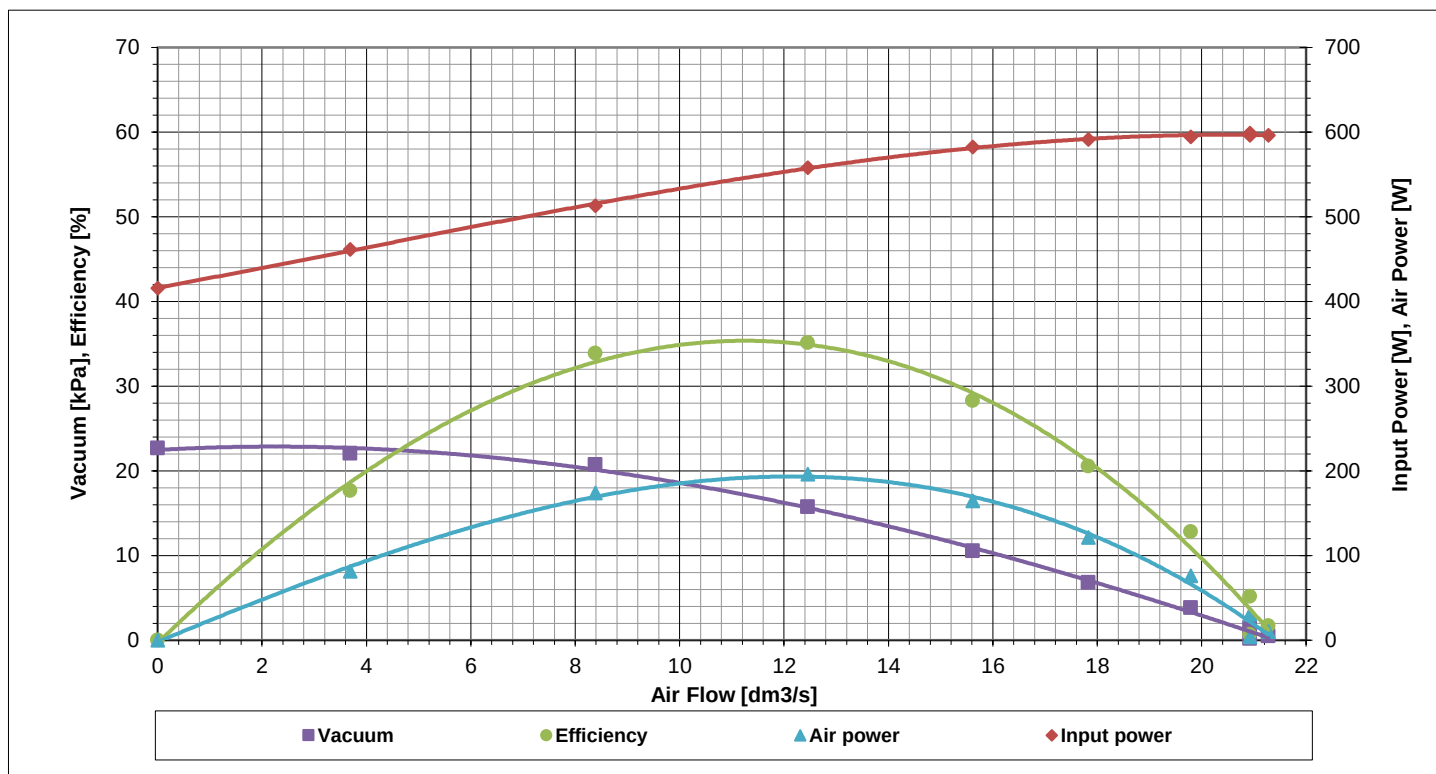
Nazivna moč / Nominal power: 560 [W]

Napetost	Premer odprtine	Tok	Vhodna moč	Vrtilna frekvenca	Podtlak	Pretok	Zračna moč	Izkoristek
Voltage	Orifice	Current	Input Power	Speed	Vacuum	Air Flow	Air Power	Efficiency
[V/Hz]	[mm]	[A]	[W]	[1/min]	[kPa]	[dm ³ /s]	[W]	[%]
230/50	50	2,57	598,82	55724	0,19	20,93	4,01	0,67
230/50	40	2,56	596,29	55801	0,48	21,28	10,29	1,72
230/50	30	2,56	596,28	55795	1,48	20,93	30,93	5,19
230/50	23	2,55	594,48	55930	3,86	19,79	76,34	12,84
230/50	19	2,54	591,31	56133	6,81	17,83	121,44	20,54
230/50	16	2,50	582,75	56568	10,55	15,61	164,79	28,27
230/50	13	2,39	558,30	57910	15,75	12,45	196,21	35,14
230/50	10	2,19	513,19	60901	20,74	8,39	173,86	33,88
230/50	6,5	1,97	461,52	64933	22,07	3,69	81,47	17,66
230/50	0	1,76	415,83	69069	22,69	0,00	0,00	0,00

** Zahteve kupca / Customer Demands; ° Pomerjeno po 20s / Measured after 20 seconds

Mejne vrednosti / Guaranteed values

Maksimalna moč / Maximal power: P_{1max} [W] = 600 ± 30
 Srednja moč / Mean power: P_{min} [W] ≥ 480
 Podtlak / Vacuum: p_{max} [kPa] = 22,7 ± 1,1
 Pretok pri ϕ 50 / Air Flow at ϕ 50: $Q_{\phi 50}$ [dm³ / s] = 21 ± 1
 Zračna moč / Air Power: P_{2max} [W] = 200 ± 10
 Izkoristek / Efficiency: η_{max} [%] = 34 ± 2
 Masa / Mass: m [kg] = 0,57



				Datum / Date	Ime / Name	KARAKTERISTIKA SESALNE ENOTE VACUUM CLEANER MOTOR PERFORMANCE		
			Izdelal / Designed	05.04.2024	M. Tavčar			
			Pregledal / Verified	05.04.2024	D. Rodić			
				DOMEL® Otoki 21, 4228 Železniki, Slovenija		Koda / Code		List / Sheet 5
A0	16982	05.04.2024	M. Tavčar			KA 458.3.250-2		
Ozn. / Mark	Št. Obv. / Notice Nr.	Datum / Date	Ime / Name					Stran / Page 1+

Karakteristika sesalne enote preračunana v imperialne enote in v zaslonke po ASTM

Vacuum Cleaner Motor Performance Calculated to Imperial Units & ASTM Orifices

Oznake / Marking

Napetost / Voltage: 230 [V] Nazivna moč / Nominal power: 560 [W]
 Frekvenca / Frequency: 50 [Hz]

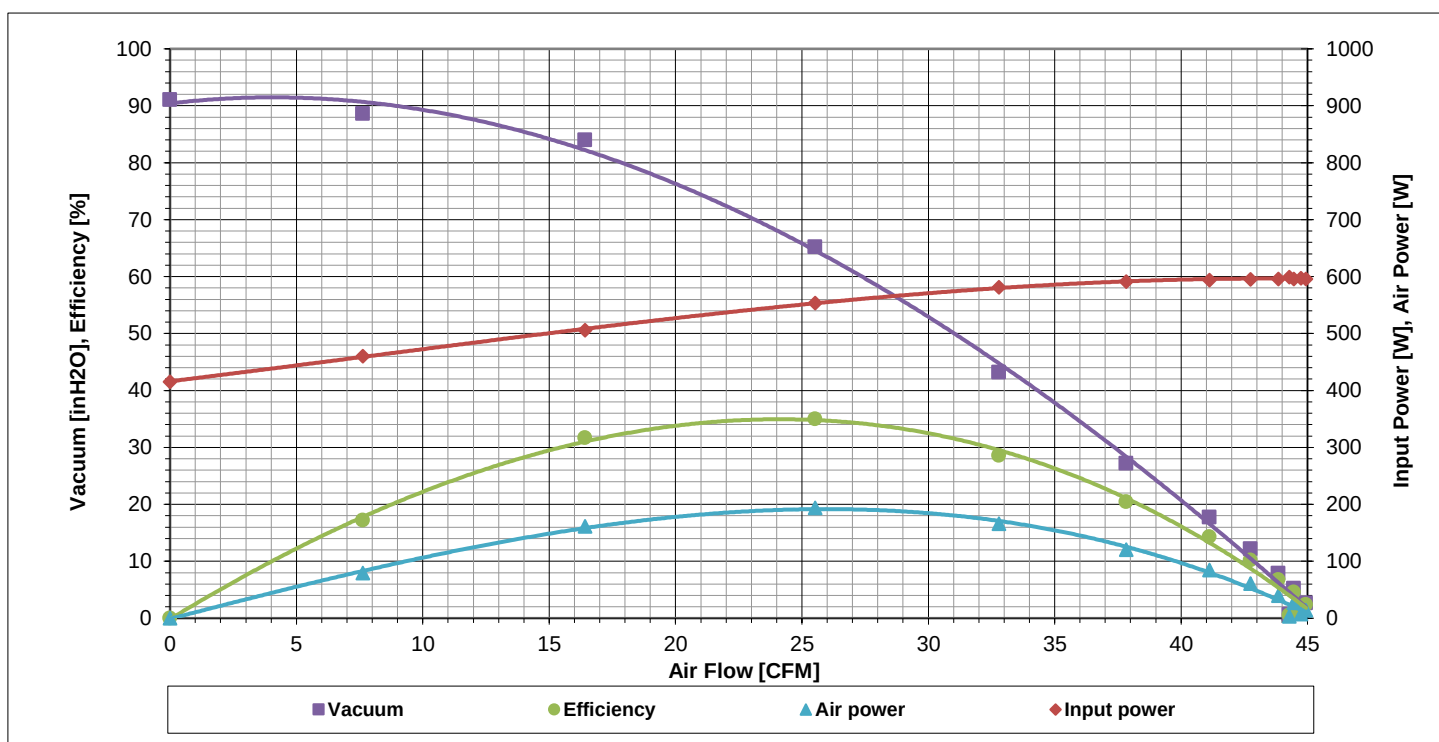
Note for units conversion: 1 inH₂O = 0.2490889 kPa, 1 CFM = 0.4719474 l/s, 1 in = 25.4 mm (NIST Special Publication 811,1995). Calculated to ASTM F588-03 orifice diameters from measured data according to IEC 60312 - 1 with use of spline interpolation.

Napetost	Premier odprtine	Tok	Vhodna moč	Vrtilna frekvenca	Podtlak	Pretok	Zračna moč	Izkoristek
Voltage	Orifice	Current	Input Power	Speed	Vacuum	Air Flow	Air Power	Efficiency
[V/Hz]	[in]	[A]	[W]	[1/min]	[inH ₂ O]	[CFM]	[W]	[%]
230/50	2,000	2,57	599,02	55718	0,67	44,28	3,50	0,59
230/50	1,750	2,56	597,41	55767	1,42	44,75	7,49	1,25
230/50	1,500	2,56	596,29	55800	2,70	44,94	14,21	2,38
230/50	1,250	2,56	596,28	55796	5,23	44,47	27,32	4,58
230/50	1,125	2,56	595,92	55822	7,87	43,85	40,18	6,74
230/50	1,000	2,56	595,10	55883	12,21	42,76	60,77	10,22
230/50	0,875	2,55	593,87	55969	17,78	41,13	85,08	14,33
230/50	0,750	2,54	591,35	56131	27,18	37,83	120,87	20,44
230/50	0,625	2,49	581,73	56624	43,24	32,80	166,10	28,56
230/50	0,500	2,37	553,79	58209	65,24	25,53	193,98	35,02
230/50	0,375	2,16	506,18	61448	83,97	16,42	161,32	31,68
230/50	0,250	1,96	460,47	65028	88,65	7,64	79,59	17,25
230/50	0,000	1,76	415,83	69069	91,11	0,00	0,00	0,00

** Zahteve kupca / Customer Demands; ° Pomerjeno po 20s / Measured after 20 seconds

Mejne vrednosti / Guaranteed values

Maksimalna moč / Maximal power: P_{1max} [W] = 600 ± 30
 Srednja moč / Mean power: P_{mmin} [W] ≥ 480
 Podtlak / Vacuum: p_{max} [in H₂O] = 91,1 ± 4,6
 Pretok pri ϕ 1,968 / Air Flow at ϕ 1,968: $Q_{\phi 1.968}$ [CFM] = 44 ± 2
 Zračna moč / Air Power: P_{2max} [W] = 200 ± 10
 Izkoristek / Efficiency: η_{max} [%] = 34 ± 2
 Masa / Mass: m [kg] = 0,57



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			Pregledal / Verified	05.04.2024	D. Rodič	Koda / Code KA 458.3.250-2	
A0	16982	05.04.2024	M. Tavčar	Otoki 21, 4228 Železniki, Slovenija		List / Sheet 5 Stran / Page 2	
Ozn. / Mark	Št. Obv. / Notice Nr.	Datum / Date	Ime / Name				