



Vacuum pump for pure pumping and evacuation of air and gases capable of providing a 100% oil-free operation. It is gas-tight and will not require any maintenance. The noise levels produced by the pump when linked to a vacuum system remain below 53dB (A).

Advantages to the user

- Dry compressing, free of oil and hydrocarbons
- Low ultimate pressure
- KF flange at the intake port
- Fully equipped with cable, switch (ON/OFF) and plug
- Better performance and smaller size through the use of structured diaphragms
- Lower maintenance costs and long maintenance intervals through the use of high-quality and well-proven components
- Simple maintenance by staff of the customer
- Uniform appearance
- Can be operated in any position

Subject to technical changes without notice

TECHNICAL DATA

■ Pumping speed, max. (Atm.)		m3/h (cfm)	0.77 (0.45)
■ Ultimate pressure (absolute)		mbar (Torr)	≤0.5 (≤0.38)
■ Max. exhaust back pressure (absolute)		mbar (Torr)	2000 (1500)
■ Pump heads			4
■ Connections	Inlet (suction side)	DN	16 KF
	Exhaust (delivery side)	DN	Silencer
	Thread	G	G 1/8"
■ Noise level acc. to DIN 45 635 Part 13, approx.		dB(A)	53
■ Permissible gas admission temperature, max.		°C (°F)	+ 5 to + 40 (+ 41 to +104)
■ Permissible ambient temperature, max. °C (°F)		°C (°F)	+ 5 to + 40 (+ 41 to +104)
■ Voltage/nominal frequency (1 ph. motor)	Earthed plug	V/Hz	230/50 ± 10%
	NEMA plug	V/Hz	115/60 ± 10%
■ Protective class		IP	44
■ Motor power		W	80
■ Current consumption		A	0.5
■ Nominal speed, approx. (50/60 Hz)		min ⁻¹	1500/1800
■ Dimensions (W x H x D), approx.		mm (in.)	332 x 150 x 150 (13.07 x 5.9 x 5.9)
■ Weight, approx.		kg (lbs)	7.5 (16.56)
■ Material	Diaphragm		Neoprene
	Valves		EPDM
	Pump head		Aluminum

ORDERING INFORMATION

Each pump includes :

1 m long mains cord, country-specific plug, silencer, rubber feet, as well as ON/OFF switch

■ 230 V / 50 Hz ± 10%	PUMP220
■ 115 V / 60 Hz ± 10%	PUMP110

DMC-040225-FOX 2D accessories-PUMP-01