

Vane pump 100 U

Item number: 02.05.850



- Electro mechanical generated vacuum
- High vacuum flow
- Integrated inlet filter and control valves
- Oil-free
- Vibration stable

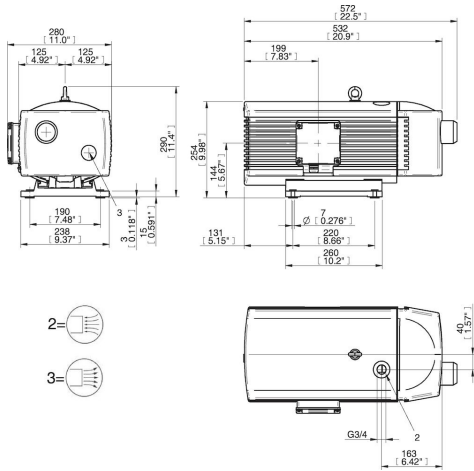
Technical data

Description	Unit	Value
Material	-	Iron FE
Weight, max.	oz	2406.25
Electric connection	-	3AC 190-255/330-440V 50Hz. 3AC 190-290/330-500V 60Hz
Noise level, max.	dBA	72
Noise level, min.	dBA	67
Rated Power (50Hz)	hp	0.0017
Rated Power (60Hz)	hp	0.002

Performance

Ejector specification	Feed pressure	Air consumption	Vacuum flow (scfm) at different vacuum levels (-inHg)									Max vacuum
	psi	scfm	0	2	5	8	11	14	17	20	26	-inHg
Vane pump 100 50Hz			23.52	20.77	18.011	15.26	12.29	9.54	6.78	4.24	1.27	≥25.1
Vane pump 100 60Hz			28.18	24.79	21.4	18.011	14.62	11.44	8.26	4.87	1.7	≥25.1

Dimensional drawings



Values specified in this datasheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Compressed air quality, DIN ISO 8573-1 class 4.

Tolerance and accuracy:

- Feed pressure tolerance ±0.02 MPa [2.9 psi]
- Vacuum flow/evacuation time accuracy ±10%.

Accessories

- 02.05.863 | Hose connection kit 100
- 02.05.948 | Hose connection kit G3/4" - D=63