

CHEMICAL RESISTANT VACUUM PUMP

- » 100 % oil-free transfer
- » Pure transfer, evacuation and compression
- » TFM™ PTFE pump head combined with PTFE-coated diaphragm are ideal for extremely aggressive/corrosive gases and vapors.
- » ATEX-compliant in accordance with ATEX II 2G IIB+H2 T3X internal atmosphere only
- » Maintenance-free
- » Gas tight, leakage rate approx. 6×10^{-3} mbar x l/s

Specification:

Delivery:	20 l/min
Vacuum:	8 mbar abs.
Operating pressure:	0,1 bar
Connectors for tube:	ID 10 mm
Permissible media and ambient temp:	+5...+40°C
Weight / Dimensions WxHxD:	9,3 kg / 154 x 207 x 312 mm

Code	Description
KNF 309577/026366	KNF LABOPORT® Diaphragm Vacuum Pump N 820.3FT.18, 220 V, 50 Hz Pump head: TFM™ PTFE, Diaphragm: PTFE-coated, Valves: FFPM
KNF 309577/029163	Idem, 220 V, 60 Hz
KNF 309577/027170	Idem, 115 V, 60 Hz

The above pumps are suitable for our Rotary Evaporator RVO 400 SD



BOECO VACUUM PUMPS R-300, R-400

are piston-powered, oil-free vacuum pumps, adaptable to many laboratory requirements.

- » quiet and low vibration
- » Compact and light weight
- » Oil free and Maintenance-free

Specification:	R-300	R-400
Max. vacuum:	670 mm Hg	670 mm Hg
	50 Hz 60 Hz	50 Hz 60 Hz
Max flow rate:	17 l/min 20 l/min	34 l/min 37 l/min
Horse power:	1/8 HP	1/6 HP
Pole:	4 P	
Net weight:	3,5 kg	4,8 kg
Port thread:	5/16 inch (8 mm)	
Noise level:	50 db	

Code	Description
BOE 8830000	BOECO R-300 vacuum pump 220-240 V, 50/60 Hz
BOE 8830100	BOECO R-300 vacuum pump 110-120 V, 60 Hz
BOE 8840000	BOECO R-400 vacuum pump 220-240 V, 50/60 Hz
BOE 8840100	BOECO R-400 vacuum pump 110-120 V, 60 Hz

BOECO VACUUM / PRESSURE PUMP R-430

Specification:	R-430
Max. vacuum:	630 mm Hg
Max. pressure:	80 psi
	50 Hz 60 Hz
Max flow rate:	28 l/min 34 l/min
Motor rotation:	1450 rpm 1700 rpm
Horse power:	1/6 HP
Pole:	4 P
Net weight:	5,8 kg
Port thread:	5/16 inch (8 mm)
Noise level:	52,0 db

Code	Description
BOE 8843000	BOECO R-430 vacuum pump 220-240 V, 50/60 Hz
BOE 8843100	BOECO R-430 vacuum pump 110-120 V, 60 Hz



R-300



R-400



R-430