LAVAT
Laboratory and Vacuum Technique

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Vacuum pump VRO 8/21

Zák. číslo: 2732 00 0000

The primary transport two-stage rotating oil vacuum pump is designed for pumping enclosed volume of 105 Pa by pumping rate of 8 m3 / h. The possibility of using them is in the laboratory and industrial environments.

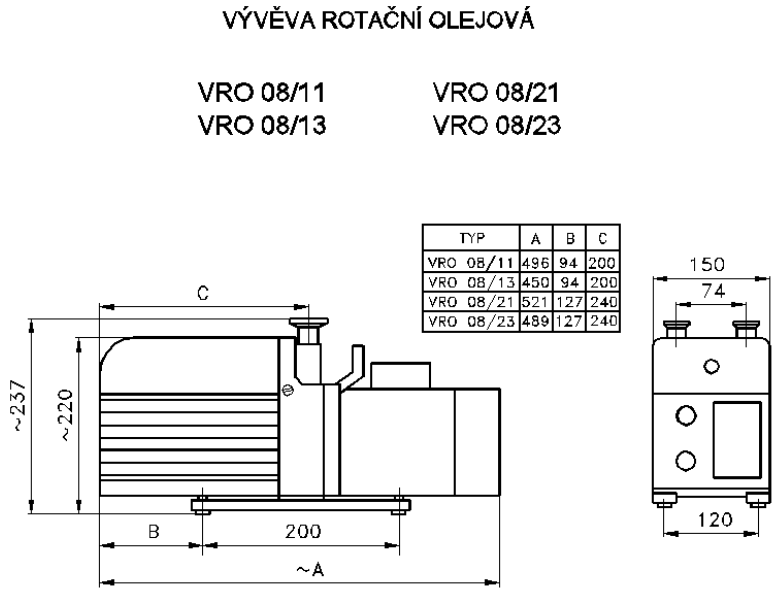
The intake air must not contain any mechanical impurities, aggressive gases and vapors and do not form with oil-filled explosive or aggressive mixture. Vacuum pump drives the single-phase motor, which forms with pump a compact pump unit.

Technické údaje

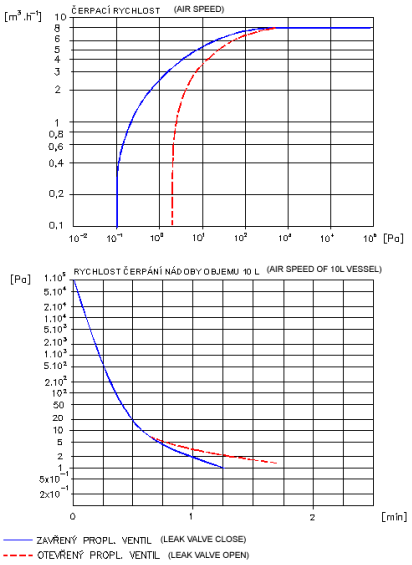
Number of stages	2
Pumping speed at preassure of 105 Pa and temperature of vacuum pump 55° C	8 m3/hod
Limit pressure of non-condensable gases with closed gas ballast	< 1 x 10-2 Pa
Ultimate vacuum with closed gas ballast (total pressure)	< 1 x 10-1 Pa
Ultimate vacuum with opened gas ballast (total pressure)	< 2 Pa
Maximal partial pressure of pumping water vapors	4 x 103 Pa
Maximal outlet pressure	1,5 x 105 Pa
Tightness of the automatically closed valve at pressure differential 104 Pa	10-1 Pa.l.s-1
Minimal temperature for cold start	12° C
Maximal temperature of oil inside vacuum pump	60° C
Total leak rate of vacuum pump	10-3 Pa.l.s-1

Noise level with closed gas ballast and temperature of vacuum pump above 40° C	60 dB (A)
Coverage of device	IP 40
Outlet connection	KF 25
Inlet connection	KF 25
Recommended Oil	SN 56
Standard oil capacity (max/min)	500/250ml
Cooling of vacuum pump	Air
Voltage	230 V, 50 Hz
Motor power	370 W
Dimensions	560 x 150 x 237 mm
Weight	Cca 24 kg

Fotogalerie



VRO 08-21 VRO 08-23



ZAVŘENÝ PROPL. VENTIL (LEAK VALVE CLOSE)

OTEVŘENÝ PROPL. VENTIL (LEAK VALVE OPEN)