


Data Sheet (EN)

Translation of the german original

WELCH
by Gardner Denver

Photo	Designation	Order no.
	Rotary Vane Pump two stage <i>Model: CRVpro 30</i>	3302-00

Technical Data		
Parameter	Data	Unit
Pumping speed 50/60 Hz DIN 28426 part 1 (pneurop)	29 / 34.8	m ³ / · h ⁻¹
Ultimate pressure DIN 28426 (pneurop) with rated speed 1450/min (50 Hz)		
- without gas ballast partial	3 x 10 ⁻⁴	mbar
- without gas ballast total	3 x 10 ⁻³	
- with gas ballast total	6 x 10 ⁻³	
Max. inlet/outlet pressure	1,5 / 0,2	bar
Intake port	Small flange DN 25 KF	-
Exhaust port	Small flange DN 25 KF	
Ambient temperature	+ 10 to + 40	°C
Noise level DIN EN ISO 2151	55	dB (A)
Oil filling	2410	ml
Voltage	220-240	V
Frequency	50/60	Hz
Motor power	0.7 / 0.85	kW
Motor speed 50/60Hz	1450 / 1750	rpm
Type of protection DIN EN 60529	IP 44	-
Dimensions (W/D/H)	569 / 206 / 289	mm
Shipping Carton Dimensions (W/D/H)	680 / 381 / 381	mm
Weight	39.5	kg
Shipping Weight	44.5	kg



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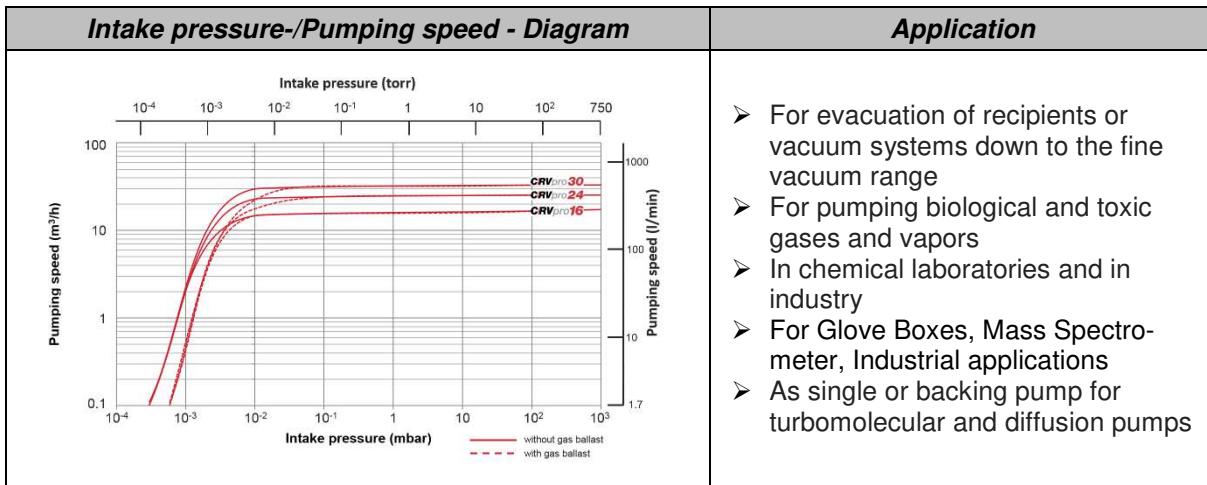
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Description / Scope of delivery
<p>Description</p> <p>The two-stage rotary vane pump CRVpro 30 provides highest reliability for stable operation, long product lifespan and extends service interval.</p> <ul style="list-style-type: none"> ➤ Customers benefit from a reduced risk of chemical attacks and oil breakdown by diluting aggressive chemicals with a larger oil chamber. ➤ Its cool running characteristic also slows down any corrosion process. ➤ Inside surface of the oil case has a PTFE coating and the outer surface of the pumping module has a black oxide coating. Both coatings act to slow metal corrosion and, when coupled with fore line traps, extend service interval. ➤ Furthermore, the CRVpro also enables extended oil change intervals for less maintenance costs. ➤ Less oil consumption is a result of the cool running operation and the extended usability of oil based on a high dilution effect because of a larger oil chamber. ➤ Moreover, the low weight, flexible handle and compact design of the pump makes the rotary vane pump a portable and flexible partner in laboratories and industrial applications. <p>Scope of delivery</p> <p>Pump is supplied complete with Welch Directorr premium vacuum pump oil, centering rings, clamps and motor overload protection. Ready for use after oil filling.</p>

Accessories		
Photo	Model / Description	Order no.
	<p>Separator AKS 25 (intake side) separates substances in liquid and solid state on the pump and the connected recipient.</p>	<p>320018</p>
	<p>Separator AKD 25 (exhaust side) separates oil vapor from the exhaust air from the pump.</p>	<p>320017</p>
	<p>Cold Trap, DN25, (intake side) provides pre-pump protection by condensing vapors and reduce the chemical loading.</p>	<p>705121</p>
	<p>Oil mist filter (exhaust side) OME 10/25 for minimization of the output of oil mist.</p>	<p>700011</p>