

ON SITE VACUUM PUMP FOR POWER TRANSFORMER DRYING OUT

- 1. 14000 Litre/min. “Rietschle - Germany”**

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**Rotary Vane Vacuum Pump Combined with Roots Pump
complete with Pirani Gauge**



Pumpenlinie, bestehend aus VCAH und Roots-Gebläse, geeignet zum Evakuieren im Feinvakuumbereich für allgemeine industrielle Anwendungen.

A pump set consisting of VCAH in combination with Roots vacuum pump. Primarily used for production of fine vacuum for general industrial applications.

Groupes de pompage composés d'une VCAH et d'une pompe à vide à patrons rotatifs. De nombreuses utilisations industrielles sont concernées pour une mise sous vide poussée.

Gruppo pompe per vuoto consistente in pompe VCAH in serie a pompe Roots, adatto per l'evacuazione nel campo del medio vuoto per impieghi industriali in generale.

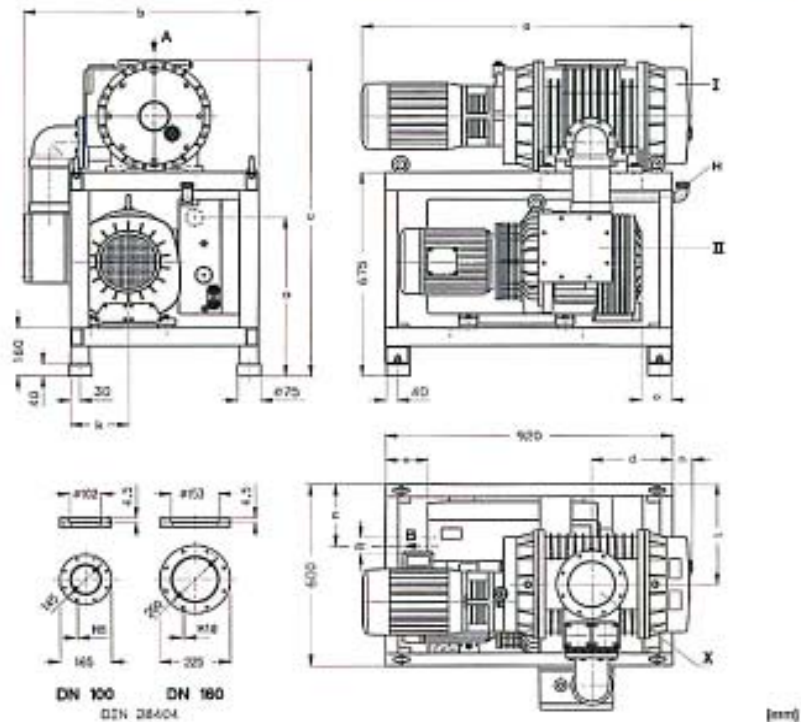
VPR

VPR 100.05

VPR 160.10

→ VPR 250.10

VPR 250.15



A	Hochvakuum-Anschluß	High-vacuum connection	Raccordi vide secondario	Attacco alto vuoto
B	Abluft-Ausstrich	Exhaust	Refoulement	Scarico aria
H	Ölwanntaste (VCAH)	Oil filling point	Point de remplissage d'huile	Punto di riempimento olio
X	Flansch DIN 28 404	Flange DIN 28 404	Bride DIN 28 404	Flangia DIN 28 404

VPR		100.05	160.10	→ 250.10	250.15
	I	VWP 500	VWP 1000	VWP 1000	VWP 1500
	II	VCAH 160	VCAH 160	VCAH 250	VCAH 250
[mm]	a	671	931	931	1058
	b	620	748	748	748
	c	935	1045	1045	1045
	d	278	269	269	324
	e	174	136	60	60
	g	428	526	526	526
	k	208	186	186	186
	l	204	332	332	332
	m	130	204	204	204
	n	16	9	9	64
	o	130	100	65	65
	R	Rp 1/2	Rp 2	Rp 2	Rp 2
	X	DN 100	DN 160	DN 160	DN 100

Values Details and Maße entnehmen Sie bitte unseren Datenblättern D 100 (VCAH) und D 200 (VWP). / Please consult our data sheets D 100 (VCAH) and D 200 (VWP) for further details and dimensions. / Pour plus de détails et dimensions veuillez consulter les fiches techniques D 100 (VCAH) et D 200 (VWP). / Per favore rilevare ulteriori dettagli e dimensioni dai nostri fogli dati D 100 (VCAH) e D 200 (VWP).

2. Specifications

2-1 Basic Specifications

(1) Name	Pirani vacuum gauge
(2) Measurable pressure range	0.4 to 2700 Pa (0.003 to 20 Torr)
(3) Measuring point	One
(4) Sensor head	WP-01 as standard
(5) Sensor head cable	4m as standard (can be extended up to maximum 100 m)
(6) Accuracy	Within 100%±3% of linear-converted full scale of each range
(7) Operating temperature range	10°C to 40°C
(8) Output signal	
Recorder output	: DC 0 to 10mV
Setpoint output	: Two points of HIGH and LOW Relay contact output (transfer type) AC 100V, 0.5 A
(9) Sensor head interchangeability	Within ±3% in filament resistance value (between sensor heads of the same type)
(10) Power requirements	AC 100±10V, 50/60 Hz
(11) Power consumption	12VA
(12) Weight of controller	Control box : 1.0kg A-type meter: 0.7kg
(13) Outside dimensions	100mm(H) × 100mm(W) × 130mm(D) (A-type meter) 100mm(H) × 90mm(W) × 140mm(D) (control box)

2-2 Standard Accessories

(1) Sensor head	WP-01 as standard	1
(2) Sensor head cable	4m as standard	1
(3) Fuse	0.5A (φ5.2 × 20ℓ)	1
(4) Instruction manual		1