



V-KTN

V-KTN 16 | V-KTN 26 | V-KTN 41



Dry running rotary vane pressure vacuum pumps

Volume flow from 9.6 to 30 cfm, pressure/vacuum upto 8.7 psig/ 18.1 in. HgV. With compressed air after cooler, integral suction and blast air filter. Sound cover reduces noise level, enhances cooling and protects operator from mistakenly touching hot surfaces. Flexible connections possible, vibration free, easy to operate, maintain and install.

Bombas de presión-vacío de paleta rotativa de funcionamiento en seco

Caudal volumétrico de 9.6 a 30 cfm, presión/vacío de 8.7 psig / 18.1 in. HgV. Con radiador de salida de aire comprimido, filtros de chorro de aire y de succión integrados. La cubierta amortiguadora de sonidos reduce el nivel de ruido, mejora la refrigeración y protege al operador del contacto accidental con superficies calientes. Admiten conexiones flexibles, sin vibraciones, fáciles de operar, mantener e instalar.

V-KTN			16	26	41
Motor version Versión del motor	3~	50 Hz	200-255/346-440V ± 5%		
		60 Hz	200-290/346-500V ± 5%		
	1~	50 Hz	230V ± 10%		
		60 Hz	-		
Motor rating Potencia requerida	kw (3~)	50 Hz	0.75	1.1	1.85
		60 Hz	0.90	1.3	2.20
	kw (1~)	50 Hz	-	1.1	1.85
		60 Hz	-	-	-
Full load amperage Amperaje a carga plena	A (3~)	50 Hz	3,6 / 2,1	5,55 / 3,2	9,0 / 5,2
		60 Hz	3,8 / 2,2	5,7 / 3,3	9,0 / 5,2
	A (1~)	50 Hz	-	6.6	-
		60 Hz	-	-	-
Speed Velocidad	rpm	50 Hz	1450		
		60 Hz	1740		
Average noise level Nivel promedio de ruido	dB(A)** ENISO3744	50 Hz	63	65	68
		60 Hz	65	67	70
Weight Peso	lbs	3~	62.6	77.4	110
		1~	-	77.6	115

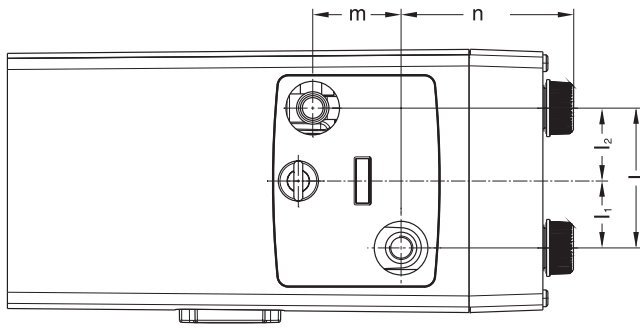
V-KTN 16																							
Ultimate vacuum • Vacío final		in. HgV				0	12.2	15.2	18.1	0	12.2	15.2	18.1	0	12.2	15.2	18.1	0	12.2	15.2	18.1		
Excess pressure • Exceso de presión		psig				0				5.8				7.3				8.7					
Capacity Capacidad	cfm	50 Hz	S*	10.0	7.9	7.2	6.1	9.1	6.4	5.4	4.1	8.8	6.0	4.9	3.7	8.6	5.7	4.6	3.1				
			D	9.6	7.3	6.8	5.9	8.2	6.1	5.4	4.8	7.8	5.7	5.1	4.5	7.4	5.4	4.8	4.2				
		60 Hz	S*	11.7	9.7	8.7	7.7	11.1	8.2	7.3	5.9	10.7	7.9	6.9	5.5	10.4	7.6	6.4	5.2				
			D	11.5	8.5	7.7	6.9	10.1	7.3	6.6	5.8	9.7	7.0	6.4	9.2	5.4	6.7	6.0	5.2				
Motor rating Potencia requerida	kw	50 Hz	0.75																				
		60 Hz	0.90																				

V-KTN 26																							
Ultimate vacuum • Vacío final		in. HgV				0	12.2	15.2	18.1	0	12.2	15.2	18.1	0	12.2	15.2	18.1	0	12.2	15.2	18.1		
Excess pressure • Exceso de presión		psig				0				5.8				7.3				8.7					
Capacity Capacidad	cfm	50 Hz	S*	15.3	11.5	10.6	8.8	14.1	10.3	8.8	7.1	13.8	10.0	8.2	6.5	13.5	9.4	7.7	5.9				
			D	15.3	11.8	10.6	9.4	13.5	10.0	8.9	8.1	13.2	9.7	8.6	7.8	12.8	9.2	8.2	7.5				
		60 Hz	S*	18.5	14.7	13.5	11.9	17.4	13.1	11.9	10.0	16.8	12.5	11.3	9.3	16.2	11.8	10.7	8.8				
			D	18.4	13.8	12.7	11.7	16.5	12.2	11.1	9.9	15.9	11.8	10.6	9.5	15.3	11.5	10.1	9.0				
Motor rating Potencia requerida	kw	50 Hz	1.1																				
		60 Hz	1.3																				

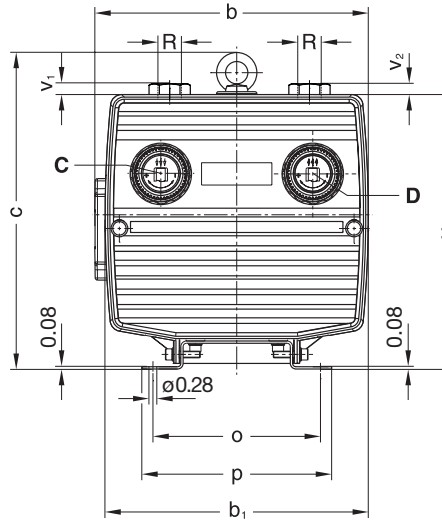
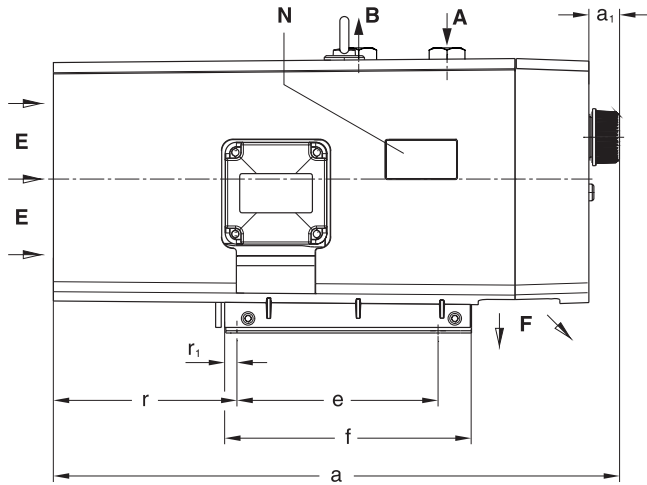
V-KTN 41																							
Ultimate vacuum • Vacío final		in. HgV				0	12.2	15.2	18.1	0	12.2	15.2	18.1	0	12.2	15.2	18.1	0	12.2	15.2	18.1		
Excess pressure • Exceso de presión		psig				0				5.8				7.3				8.7					
Capacity Capacidad	cfm	50 Hz	S*	25.0	21.4	20.1	18.8	24.1	20.7	19.4	17.7	23.2	19.7	18.4	16.5	22.5	18.5	17.1	15.6				
			D	24.7	18.4	16.7	14.8	23.8	17.7	16.0	14.1	22.8	17.1	15.3	13.6	21.8	16.2	14.5	12.9				
		60 Hz	S*	30.0	25.7	24.1	22.6	30.0	24.8	23.3	21.2	27.9	23.7	22.0	19.8	27.1	22.2	20.5	18.7				
			D	29.7	22.1	20.1	17.8	28.6	21.2	19.2	17.0	27.3	20.5	18.4	16.3	26.1	19.4	17.4	15.5				
Motor rating Potencia requerida	kw	50 Hz	1.85																				
		60 Hz	2.2																				

S → Suction air • Aire succión

D → Compressed air • Aire comprimido



A	Vacuum connection • <i>Conexión de vacío</i>
B	Pressure connection • <i>Conexión de presión</i>
C	Vacuum regulating valve • <i>Válvula reguladora de vacío</i>
D	Pressure regulating valve • <i>Válvula reguladora de presión</i>
E	Cooling air entry • <i>Entrada aire refrigerante</i>
F	Cooling air exit • <i>Salida aire refrigerante</i>
N	Data plate • <i>Placa de la unidad</i>



V-KTN	16	26	41
a	18.90	20.12	23.31
a ₁	1.26	1.22	1.65
b	9.65	9.65	10.83
b ₁	9.29	9.29	10.63
c	11.14	11.14	12.56
e	7.09	7.09	7.87
f	8.66	8.66	9.53
l	4.92	4.92	5.79
l ₁	2.36	2.36	2.95
l ₂	2.56	2.56	2.83

V-KTN	16	26	41
m	3.11	3.11	3.54
n	4.96	6.14	6.89
o	5.91	5.91	7.48
p	6.69	6.69	8.27
r	6.46	6.46	8.27
r ₁	0.43	0.43	0.39
v	9.69	9.69	11.10
v ₁	0.16	0.16	0.31
v ₂	0.24	0.24	0.67
R	1/2" NPT	1/2" NPT	3/4" NPT

Accessories • *Accesorios*

V-KTN		16	26	41
Non return valve <i>Válvula retención</i>	ZRK	13	13	20
Hose connection <i>Conexión manguera</i>	ZSA	13	13	20
Motor starter <i>Reóstato de arranque del motor</i>	ZMS	50 Hz	on request • <i>on pedido</i>	
		60 Hz		

* Relates to pump inlet conditions • *se refiere a las condiciones de entrada de la bomba*

dB(A)** at medium load, inlet and discharge connected to a pipeline • *a la carga medio, la entrada y descarga conectaron a una tubería*

Curves, tables content (tolerance ±10%) refer to pressure/vacuum pump at normal operating temperature. • *Las curvas, las tablas (tolerancia ±10%) hacen referencia a una bomba de presión/vacío a temperatura normal de funcionamiento.*

Technical information is subject to change without notice! • *La información técnica está sujeta a cambios sin previo aviso!*

**Gardner
Denver**

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