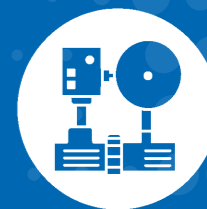


Company

PVR continues the production of vacuum pumps which began in the Sixties, with the aid of new technologies, as requested from the market. The experience built in over 50 years, the development of new products, the modern production lines and a trained staff allow us to supply reliable and innovative products.



seventcom.it



Provide trusted & advanced technologies

Vacuum Pump Systems GVK



Service

PVR guarantees a qualified advice for every inquiry thanks to its skilled technical/sales office that supports every project. The Service Department assists and advises our customers with scheduled servicing qualified overhauls and spare parts promptly delivered.



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GVK Series

Kompact vacuum systems

Sistemi per vuoto Kompact
Systèmes à vide Kompact



Kompact vacuum systems have been designed for those customers who need to couple vane vacuum pumps with Roots pumps.
This solution allows to reach higher nominal capacities with higher ultimate pressure (up to 7×10^{-3} mbar).

I sistemi per vuoto Kompact sono stati progettati per quei clienti che hanno la necessità di accoppiare pompe per vuoto a palette con pompe Roots.
Questa soluzione consente di raggiungere una maggiore capacità nominale con vuoti finali più alti (fino a 7×10^{-3} mbar).

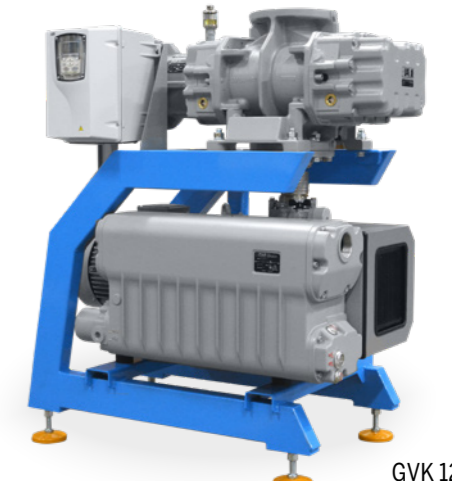
Les systèmes à vide Kompact ont été conçus pour les clients qui ont besoin de coupler de pompes à vide à palettes avec de pompes Roots.
Cette solution permet d'obtenir un débit nominal plus élevé avec de vides finaux plus élevés (jusqu'à 7×10^{-3} mbar).

		GVK 11.3 S300 H	GVK 11.4 S300 H	GVK 12.5 S300 H
Pump type Tipo pompe Type de pompes	(1)	GMa11.3HV	GMa11.4HV	GMa12.5HV
	(2)	EU300 H	EU300 H	EU300 H
Nominal pumping speed Velocità di pompaggio nominale Vitesse de pompage nominale	m ³ /h			
	50 Hz	500	750	1000
	60 Hz	600	900	1200
Ultimate pressure (abs.) Pressione finale (ass.) Pression finale (abs.)	mbar			
	1*	$\leq 7 \times 10^{-3}$	$\leq 7 \times 10^{-3}$	$\leq 7 \times 10^{-3}$
	2*	$\leq 2 \times 10^{-2}$	$\leq 2 \times 10^{-2}$	$\leq 2 \times 10^{-2}$
Motor power Potenza motore Puissance du moteur	kW			
	50 Hz	2.2+5.5	3+5.5	4+5.5
	60 Hz	2.2+7.5	3+7.5	4+7.5
Noise level Rumorosità Bruit	dB(A)			
	50 Hz	74	74	74
	60 Hz	76	76	76
Total weight Peso totale Poids total	kg			
	50 Hz	410	440	490
	60 Hz	415	445	495
Total weight Peso totale Poids total	mm	1000 x 684 x 1158	1000 x 684 x 1158	1118 x 684 x 1198

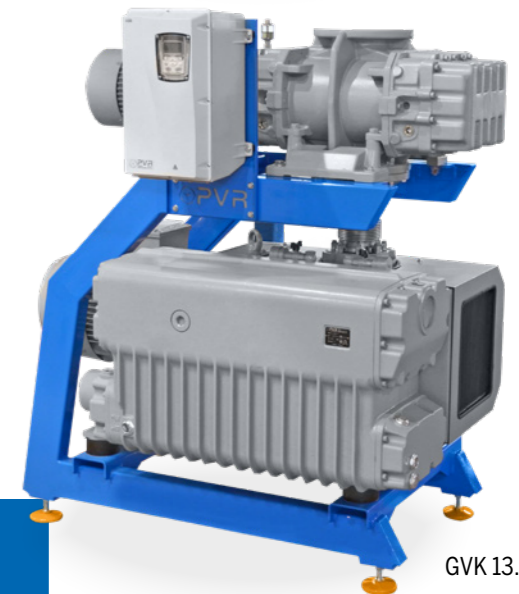
*Dimensions subject to variations depending on the type of motor
Misure soggette a variazioni in funzione della tipologia di motore
Mesures soumises à variations en fonction de la typologie du moteur

1* Gas ballast closed / Zavorratore chiuso / Lest d'air fermé
2* Gas ballast open / Zavorratore aperto / Lest d'air ouvert

GVK 12.6 S300 H	GVK 13.f7 S650 H	GV 13.8 S650 H
GMa12.6HV	GMa13.f7HV	GMa13.8HV
EU300 H	EU650 H	EU650 H
1400	2000	2900
1680	2400	3480
$\leq 7 \times 10^{-3}$	$\leq 7 \times 10^{-3}$	$\leq 7 \times 10^{-3}$
$\leq 2 \times 10^{-2}$	$\leq 2 \times 10^{-2}$	$\leq 2 \times 10^{-2}$
5.5+5.5	7.5+15	11+15
5.5+7.5	7.5+18.5	11+18.5
74	78	78
76	80	80
555	1065	1205
560	1095	1235
1289 x 684 x 1198	1451 x 1000 x 1545	1572 x 1000 x 1545



GVK 12.5 S300 H



GVK 13.f7 S650 H

Systems with dry screw pumps are also available in combination with Roots pumps. Special versions with final vacuum up to 7×10^{-4} .

Sono disponibili anche sistemi con pompe a vite a secco abbinata a pompe Roots. Versioni speciali con vuoto finale fino a 7×10^{-4} .

Des systèmes avec des pompes à vis sèches en combinaison avec des soufflantes à vide Roots sont également disponibles. Versions spéciales avec vide ultime jusqu'à 7×10^{-4} .

Designed to offer the customer a lot of advantages

Ideato per offrire al cliente numerosi vantaggi

Conçu pour offrir au client de nombreux avantages

The compact design also simplifies the configuration with different types of accessories such as air filters, filter water traps, inverter, control panels and solenoid valves for gas ballast management.

- Small footprint
- Easy installation thanks to the reduction in size and weight
- Easy access to all system components
- Efficiency and ergonomics during maintenance phases, reducing time and costs
- Improved performance thanks to combination with EU H or HWT series pumps

Il design compatto facilita inoltre la configurazione con diversi tipi di accessori come filtri aria, separatori di condensato, inverter, quadri elettrici ed elettrovalvole per la gestione del gas ballast.

- Ingombro ridotto
- Facile installazione grazie alla riduzione di dimensioni e peso
- Facile accesso a tutti i componenti del sistema
- Efficienza ed ergonomia durante le fasi di manutenzione, riducendo tempi e costi
- Prestazioni migliorate grazie alla combinazione con le pompe della serie EU H o della serie HWT

La conception compacte facilite également la configuration avec différents types d'accessoires tels que les filtres à air, les séparateurs de condensat, les inverseurs, les panneaux électriques et les électrovalves pour la gestion du lest d'air.

- Encombrement réduit
- Installation facile grâce à la taille et au poids réduits
- Accès facile à tous les composants du système
- Efficacité et ergonomie pendant les phases de maintenance en réduisant les temps et les coûts
- Performances améliorées grâce à la combinaison avec les pompes de la série UE H ou de la série HWT.



GVKZ 10.1 VFD S65