

NAILI Co.,Ltd was founded in 1999 and already had more than 20 years experiences in design, manufacturing and marketing Rotary Vane Compressors and Oil free piston compressor for Industrial applications and Electric or Hybrid automotive to the world!



Rotary Vane Compressors – Oil-free Piston Compressors – SMOTEC Controllers



HV3.0



SM064



HV1.5

20th Anniversary
1999 - 2019
NAILI Co.,Ltd.

Oil free piston compressors are mainly used for Electric Trucks and Buses, it is designed for easier installation requested! TV1.5 Compact is combined by Oil free compressor HV1.5 with Controller from SMOTEC, easier to get through with hanging frame on your vehicles



034

无人
驾驶

Autonomous

T5G 350

天津港
TIANJIN PORT

TRUNK
主线科技

中国重汽
SINOTRUK

NAILI
www.nailcomp.com



NAILI

TV1,5 Compressor unit	
Volume flow (L/min)	150
Rated Pressure (Bar)	10
Max working pressure	12
Operation Temp (°C)	-40~65
Vibration	≤45mm/s
Max exhaust Temp	150°C
Compressor driving system	
LV input voltage range	6~32V
HV input voltage range	200~750VDC, Rated voltage 540VDC
Working environment tem:	-40 to +85°C
Protection level:	IP67
Installation method:	Horizontal installation
Rated power (kVA)	8.6
Peak power (kVA)	19.7
Rated condition drive efficiency (%)	≥97%
Torque response time	≤20ms
Output frequency range	0~800Hz
Cooling mode	Forced air cooling
Structural style	Die casting aluminum case
Synchronous electric motor	
Rated Power	1.5kw
Peak Power	3.0kw
Rated Voltage	380V
Rated Current	3.0A
Rated frequency	75
Rated torque	9.55N.m
Rated Speed	1500rpm
Power factor	0.96
Efficiency	92%
Insulation class	H



+Compact Design

+Easier installation

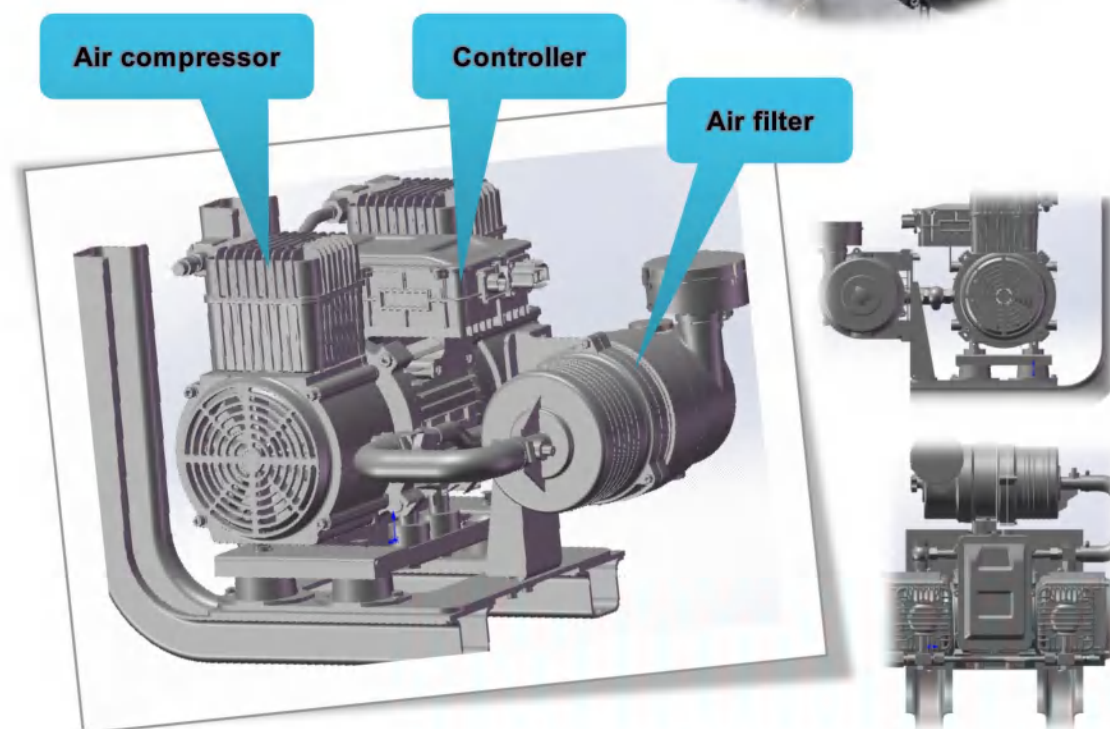
+Dual air filter

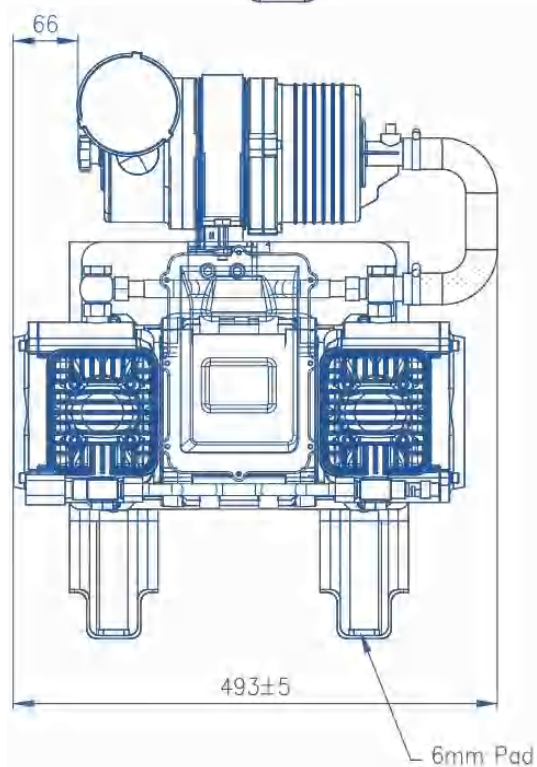
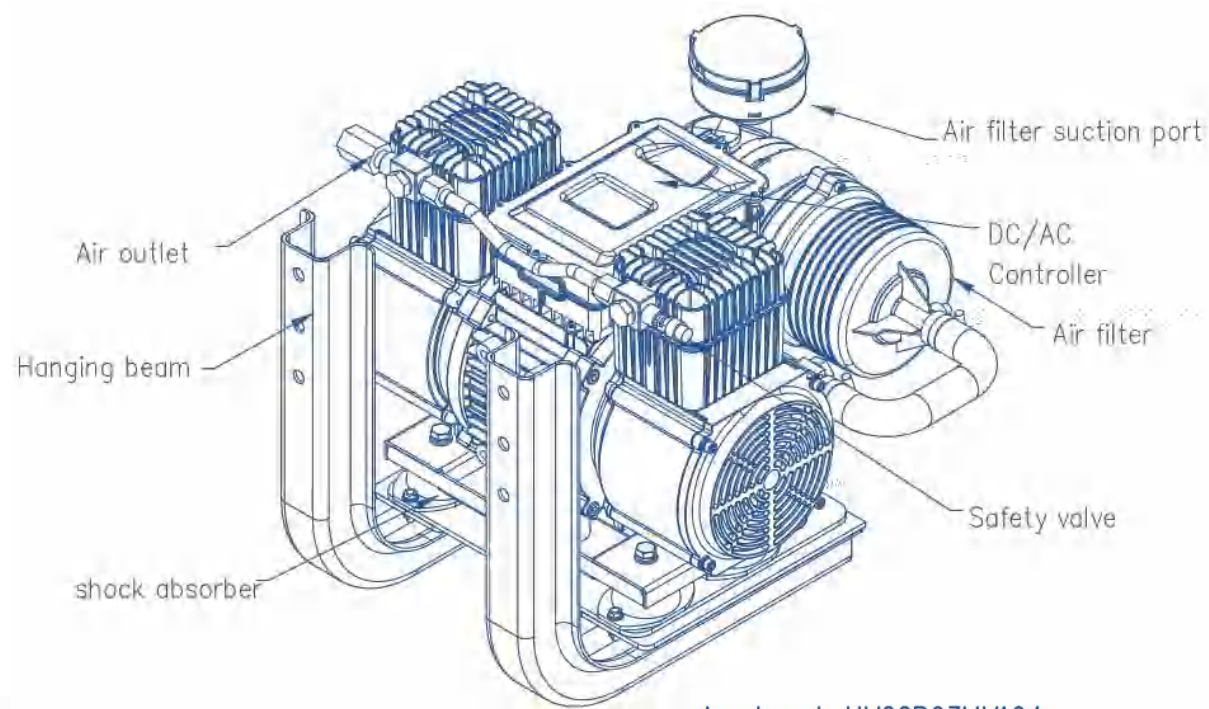
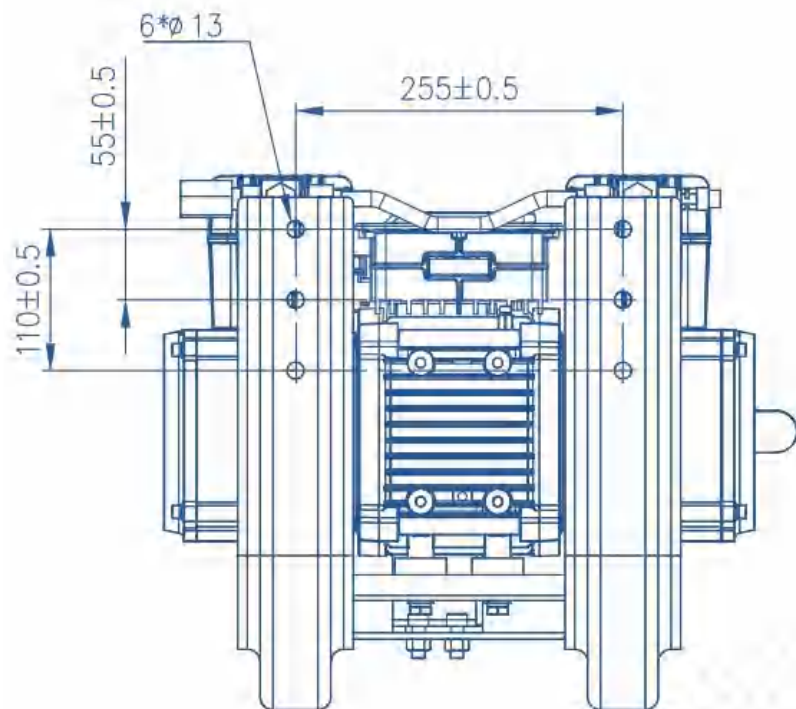


+Simple maintenance

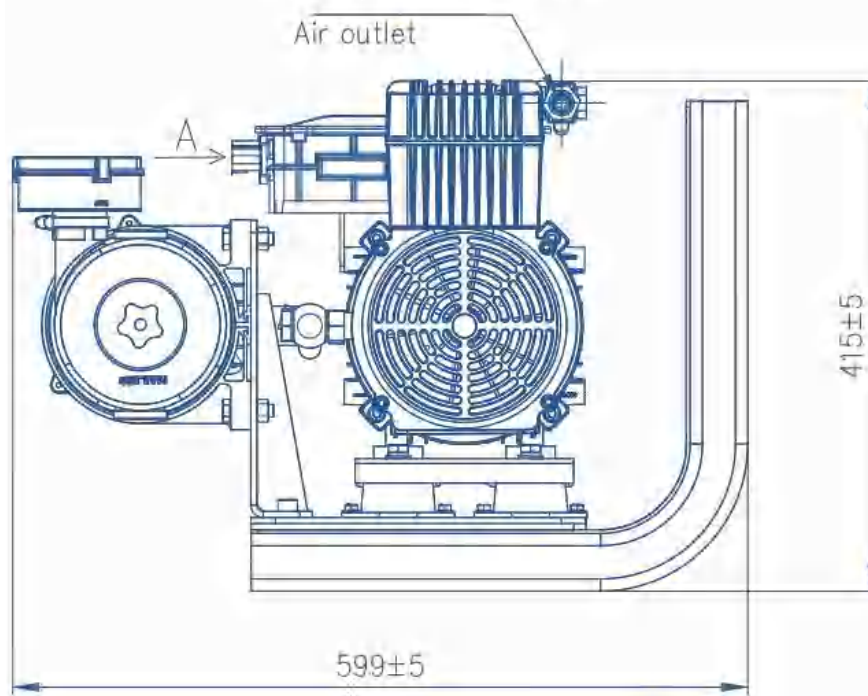
+Wide range voltage input

+Plug and control



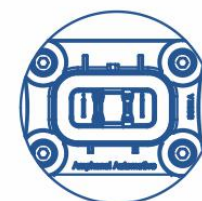


M22*1.5 internal thread



Amphenol: HVC2P63MV104

A Direction

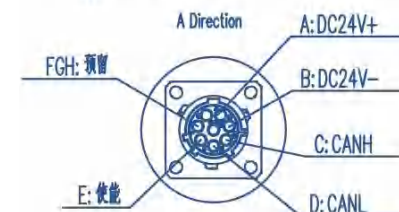


1→DC +
2→DC -

1:2

Amphenol: RT00128PN

A Direction



E: 使能

1:2

A: DC24V+

B: DC24V-

C: CANH

D: CANL

For NAILI services

For the Electric buses



比亚迪汽车



FOTON



ANKAI



金龙汽车



HIGER



宇通集团



香港電車
HONG KONG TRAMWAYS

AND SO ON...

For the Electric Trucks



中国一汽



中国重汽
SINOTRUK



FOTON



DFM

High Reliability | Lightweight | Compact Design | Good Air Quality



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