

OIL- INJECTED AIR-END V130

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MAIN FEATURES:

ROTOR PROFILE: VMC has engineered its own rotor profile in order to reach maximum performance even in the most extreme conditions and guarantee efficiency and duration. This means higher air-flow rate for less energy consumption. **ROTOR Adjustment:** Threaded nuts are used to adjust rotors for a very fast and reliable maintenance. **BEARINGS:** Radial and thrust bearings have been engineered for generous reserve. Only first-quality bearings are used. **SHAFT SEAL:** An excellent reliability of shaft seal, thanks to the use of first-rate quality materials leads to no oil leakages. **VERSIONS available:** belt and gear-driven. **DIRECT DRIVEN:** Air-ends can be supplied with relative direct-driven kit (bell housing + spider couplings).

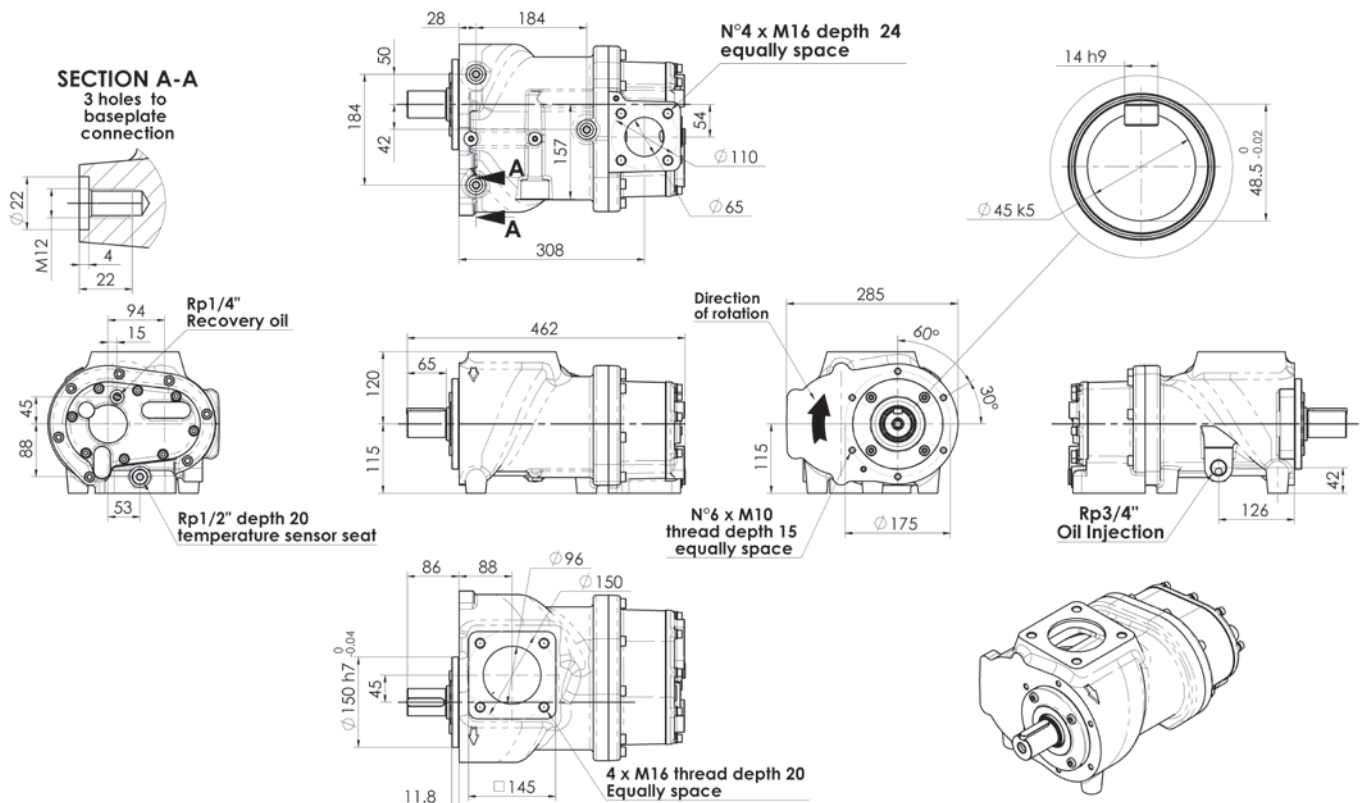
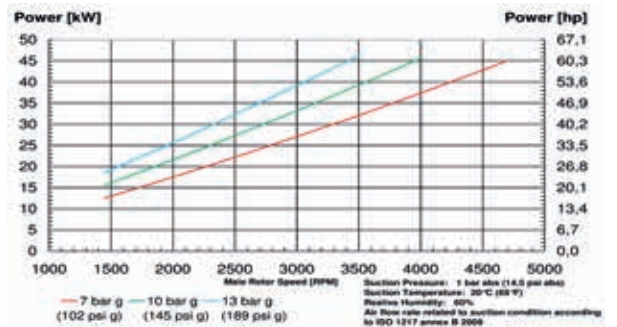
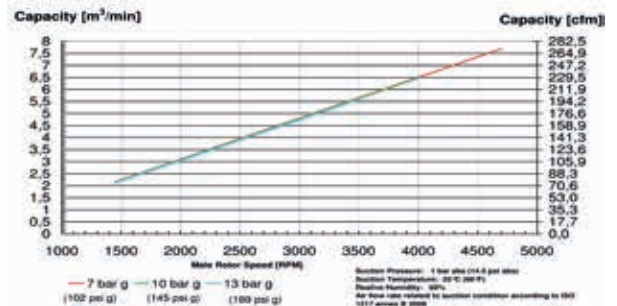
SPECIAL APPLICATION: Air-end are also available for Natural Gas applications.

MAINTENANCE:

The wear-and-tear of air-end components depends on compressor applications and operating parameters. Air-end inspection and ordinary maintenance are recommended using VMC's original spare parts kits whose instructions are indicated in the maintenance and trouble-shooting document.

TECHNICAL DATA		V130	V130G
Outside male diameter:	mm - inch	135.5 - 5,33	
Outside female diameter:	mm - inch	106.8 - 4,2	
L/D:		1,55	
Air Capacity (ISO 1217 ANNEX B 2009)	m ³ /min	2,2 - 8,4	
	cfm	78 - 297	
Max Working Pressure	bar g - psi g	13 - 189	
Min Working Pressure	bar g - psi g	5 - 73	
Oil injected Quantity	L/min	57 - 80	
	gal/min (US)	15 - 21	
Max Input Power	kW	45	
	hp	60	
Max main rotor speed	rpm	5000	
Max outlet air/oil Temperature	°C - °F	105 - 221	
Weight	kg - lb	72 - 159	102 - 225

Air flow rate related to suction condition according to ISO 1217 Annex B 2009: relative humidity=60%; suction press. (abs)=1 bar; suction temp.=20°C; disch. temp.=80°C



INTEGRATED SYSTEM V130/VTDM

PACK SMART V130C

PACK SMART V130C-G

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Integrated System V130/VTDM

Pack Smart V130C-G

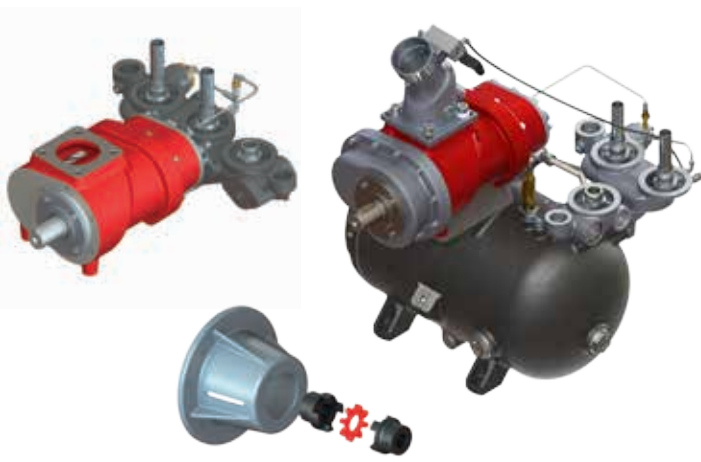
MAIN FEATURES:

AIR-END: Top-quality components and cutting-edge technology ensure reliability and long-lasting performance. Available in belt and gear-driven versions. **INTAKE VALVE:** Different working systems available: E (on-off), PM (totally pneumatic), P (hybrid) and NR (only with a check valve). **COMBINATION BLOCK SYSTEM:** It includes a thermostatic and minimum pressure valve, supports for spin-on separators and oil filters, a relative wide range of nipples. Thermostatic units available at different working temperatures. **OIL RECOVERY VIEWER:** Equipped with a check valve and calibrated nozzle. **SAFETY VALVE:** CE certified, available for different working pressures. **TANK SEPARATOR:** Tested and certified for working pressures up to 15 bars. Equipped with filling plug, drainage tap and oil level viewer. Different certifications (CE, ASME, etc.) provided upon request. **FILTERS:** air, oil and separator filters supplied separately on demand. **DIRECT DRIVEN:** Integrated and Pack Smart systems supplied with relative direct-driven kit (bell housing + spider couplings).

SPECIAL Application: Integrated and PackSmart are also available for Natural Gas applications.

MAINTENANCE:

The wear-and-tear of the Integrated and PackSmart systems depends on compressor applications and operating parameters. Their inspection and ordinary maintenance are recommended using VMC's original spare parts kits whose instructions indicated in the maintenance and troubleshooting document.



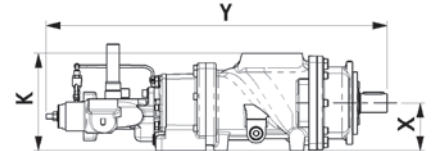
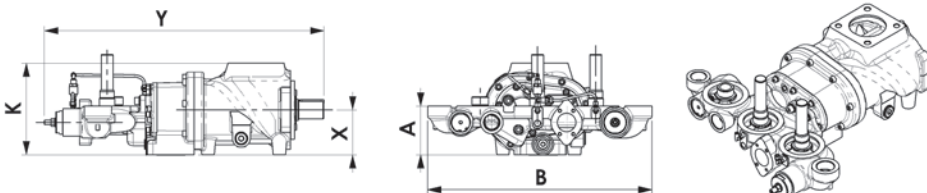
Pack Smart V130D

TECHNICAL DATA		For performances data see V130 technical data			
Oil Inlet/Outlet	inch	1" 1/4 Gas			
Air outlet (From Air-end)	mm - inch	Ø65 - Ø 2,56			
Air Inlet (From Tank)	inch	2" Gas			
Air outlet (From MPV)	inch	1 1/2" Gas			
Oil nipples Size	inch	3/4"-16 UNF or 3/4"GAS or 1"-12 UNF			
Air nipples Size	mm	M32x1,5 No.2 or M39x1,5 No.2			
Thermostat Temperature Setting available	°C	55-70 or 71-85 or 83-95			
	°F	131-158 or 159,8-185 or 181,4-203			
Materials	Unit is made in anodized aluminium alloy, steel and cast iron. Inside parts in aluminium alloy, steel, brass and FPM/FKM sealing.				
Dimensions		V130/VTDM	V130/VTDM	Pack Smart V130C	Pack Smart V130C-G
Weight	kg - lb	83 - 183	116 - 256	200 - 441	225 - 496
Y	mm - inch	705 - 27,75	807 - 31,8	714 - 29,11	817 - 32,16
X	mm - inch	115 - 4,52		490 - 19,3	
K	mm - inch	235 - 9,25		840 - 33	
B	mm - inch	578 - 22,7		730 - 28,74	
A	mm - inch	125 - 4,92		433 - 14,04	

Attention: The drawing below is not suitable for all models. Please log on to our website for specific drawings.

V130/ VTDM

V130G / VTDM



Pack Smart V130C

Pack Smart V130C-G

