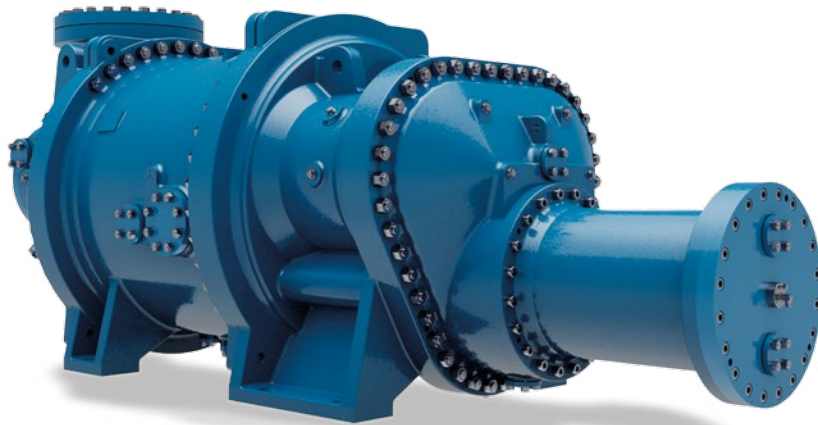


Product specifications

WRViT 580 oil injected screw compressors



For further information contact
Howden Compressors
Email: screw.bareshaft@howden.com

Howden's range of screw compressors now includes the WRViT 580, the industry's largest oil injected screw compressor.

The intelligent evolution of the WRV500 range incorporates the high efficiency rotor profile to ensure highest capacity with lowest power, reducing lifetime costs.

Features and benefits

High volume capacity with compact dimensions

Hydrodynamic sleeve journal bearings and tilting pad thrust bearing arrangement for high pressure capacity and long operational life

Advanced rotor profiles combined with high capacity lobe configuration offer high efficiency and lower power

API619 continuous operation and minimal operator interface due to condition monitoring instrumentation API 670

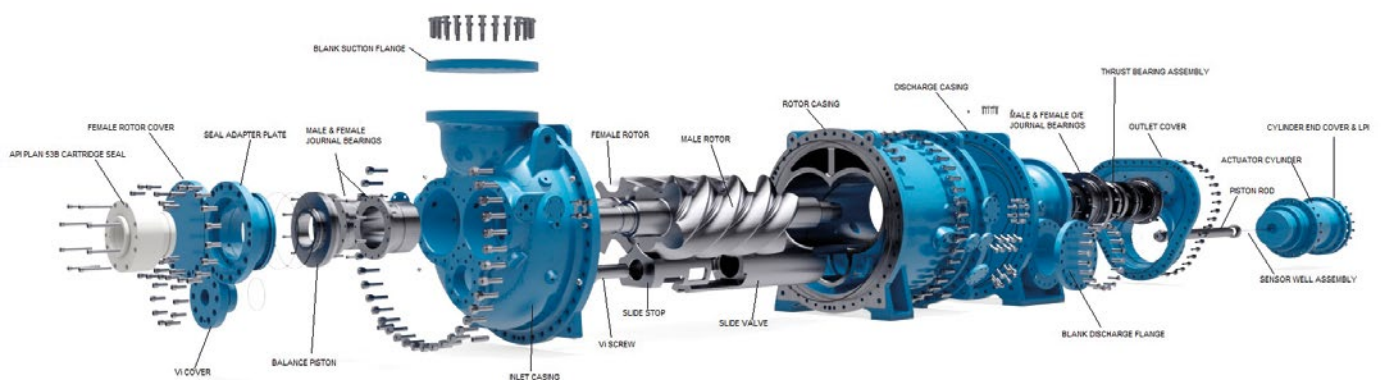
Manual adjustable Vi and automatic capacity control

Cartridge mechanical seal(s) single, dual and zero emission

Material options: Cast steel; Spheroidal graphite iron; LT steel; NACE; C55 forged steel rotors

WRViT 580 key performance parameters

Max pressure	24 barg
Max flow	29000 m ³ /h
Max power at max speed	8500 kW
Min speed	750 RPM
Direct drive	1480 / 1780 RPM (50 / 60 hz)
Max speed	2600 RPM



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