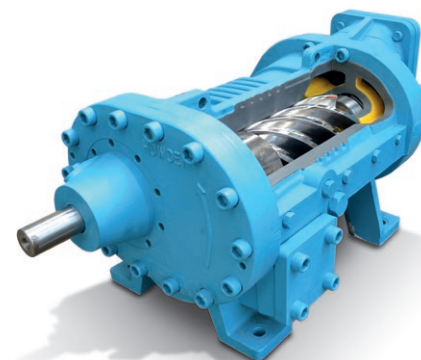
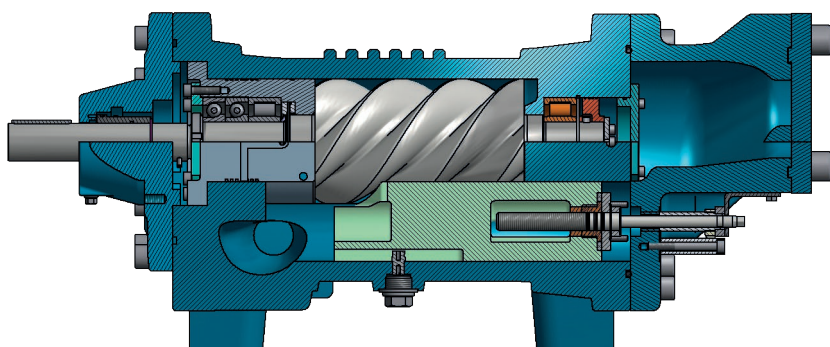


M127

Oil injected screw compressors Product specifications



Sectional view of typical M127 screw compressor

The M127 product concept:

A new industrial-standard quality built screw compressor, complete with a suite of specification options, to meet the design and build needs of compressor packagers and reduce the operating costs of end users.

M127 key performance parameters

Max pressure	22 bar g	320 psi g
Max flow	588 sm ³ /hr	364 CFM
Min speed	1500 rpm	
Max speed	6000 rpm	

Features and benefits

- Innovative robust modular construction.
- High efficiency rotor profiles.
- Great flexibility for configuration and standard maintenance.
- Reduced footprint.
- Low noise.
- Modular design for ease of packaging.

Available with:

- Suction strainer
- Variable Vi slider
- Poppet valve capacity control (50%, 75%, 100%)
- Suitable for flange mounting to IEC motors
- Gearbox drive.

M127 illustrative performance

Operating speed rpm	Swept volume m ³ /hr	Nominal capacities in kW for R717			Dimensions in mm basic unit L x W x H	Weight (basic direct drive unit) kg / lbs	Sound pressure level dBa
		High stage -10/+35°C	Booster -40/-10°C	With economiser -40/+35°C			
3000	294	174	55	52	834 x 426 x 340	220 / 485	75*
3600	353	213	67	65	834 x 426 x 340	220 / 485	75*
4500*	441	270	85	84	834 x 426 x 340	220 / 485	75*

* Please note, higher speeds may be possible subject to duty conditions after referral to HCL Engineering.

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