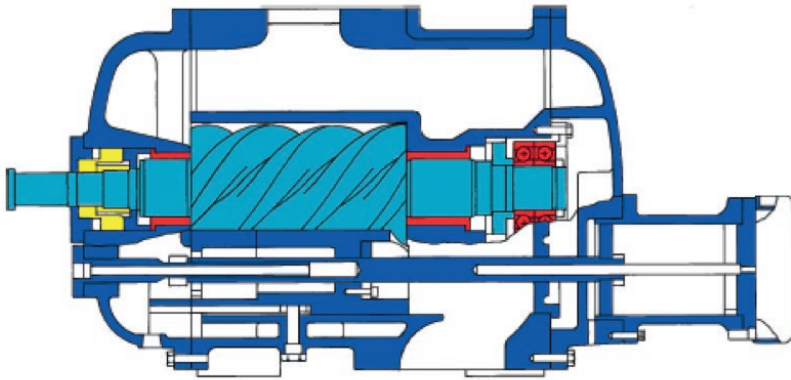


WRVi 321mm range

Oil injected screw compressors Product specifications



Sectional view of typical WRV screw compressor



Howden's WRV range of screw compressors are well proven, offer high reliability and versatility, and are designed for a wide range of applications. Our double-walled casing design, robust and highly reliable oil injected range, which includes the world's largest capacity oil injected screw compressors.

WRV 321 range key performance parameters

Max pressure	24.1 bar g	350 psi g
Min flow	1919 sm ³ /hr	1129 CFM
Max flow	7675 sm ³ /hr	4517CFM
Min speed	1500 rpm	
Max speed	3600 rpm	
Max power	2044 kW	2741 hp

WRV 321 illustrative performance

WRV 321 variants	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			
WRV321/132	3000	3830	2457	772	747	2005x940x971	2925 / 6447	90
WRV321/165	3000	4790	3071	967	934	2110x940x971	3150 / 6943	90
WRV321/193	3000	5260	3456	1086	1090	2200x940x971	3260 / 7186	90
WRV321/220	3000	6385	4095	1290	1245	2345x940x971	3500 / 2715	90

Features and benefits

Thrust bearings: Angular contact or tilted pad.

Sleeve type journal bearings:
Long operational life span.

Double wall construction: Low operating noise and suitable for high pressure application.

Optional casing and rotor material of construction: Flexibility to match project specification (eg. API 619).

Shaft seal options: Variety of standard and zero emission arrangements.

Range of capability: Probably the most comprehensive range of capacities available in the marketplace.

Variable Vi: Available with variable Vi.

Installed compressors: More than 25,000 WRV compressors installed worldwide.

For more information on Howden screw compressors, contact:

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