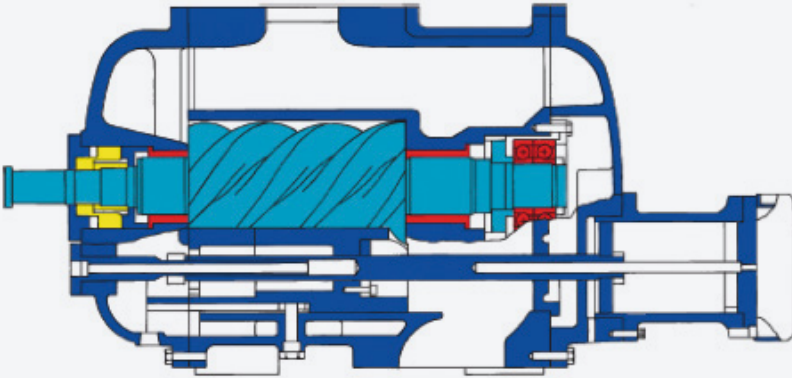


WRVi 321 range

Oil injected screw compressors



Shown above: 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	4517 CFM
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)	Normal capacities in kW for R717			Dimensions in mm basic unit (L x W x H)	Weight of basic direct drive unit (kg/lbs)	Sound pressure level (dBa)
			High stage (-10/+35°C)	Booster (-40/-10°C)	With economiser (-40/+35°C)			
WRV 321/132	3000	3830	2457	772	747	2005 x 940 x 971	2925 / 6447	90
WRV 321/165	3000	4790	3071	967	934	2110 x 940 x 971	3150 / 6943	90
WRV 231/193	3000	5260	3456	1086	1090	2200 x 940 x 971	3260 / 7186	90
WRV 321/220	3000	6385	4095	1290	1245	2345 x 940 x 971	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)
- Variety of standard and zero emission shaft seal options
- Probably the most comprehensive range of capacities available in the marketplace
- More than 25,000 WRV compressors installed worldwide

Start your screw compressor selection today:

Howden Select will match our most efficient and economical screw compressors to your application requirements.

[howden.cloud/selectsheet](https://www.howden.cloud/selectsheet)

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