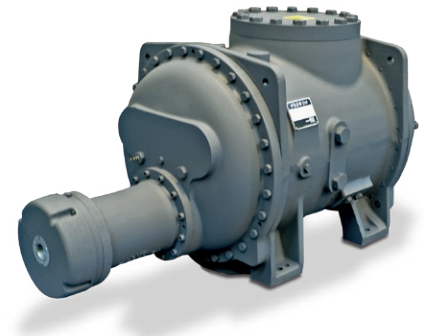
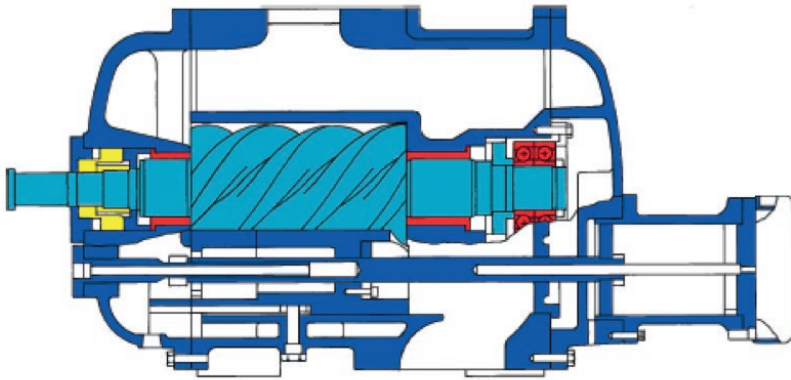


# WRVi 255mm range

## 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.

### 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.

### WRV 255 range key performance parameters

Max pressure	24.1 bar g	350 psi g
Min flow	794 sm <sup>3</sup> /hr	467 CFM
Max flow	3837 sm <sup>3</sup> /hr	2258 CFM
Min speed	1500 rpm	
Max speed	3600 rpm	
Max power	1150 kW	1542 hp

### WRV 255 illustrative performance

WRV 255 variants	Speed rpm	Swept volume m <sup>3</sup> /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			
WRV255/110	3000	1590	1015	323	303	1493x692x711	1200 / 2645	87
WRV255/130	3000	1755	1192	360	357	1544x692x711	1270 / 2799	87
WRV255/145	3000	2150	1380	439	414	1583x692x711	1352 / 2921	87
WRV255/165	3000	2395	1523	485	460	1633x692x711	1422 / 3134	87
WRV255/193	3000	2630	1714	545	536	1705x692x711	1540 / 3395	87
WRV255/220	3000	3190	2031	647	618	1818x692x711	1650 / 3638	87

### For more information on Howden screw compressors, contact:

Howden Compressors Ltd. 133 Barfillan Drive, Glasgow G52 1BE, Scotland, United Kingdom

Tel: + 44 (0) 141 885 7500

Fax: + 44 (0) 141 882 8648

Email: hcl.sales@howden.com

**Revolving Around You™**