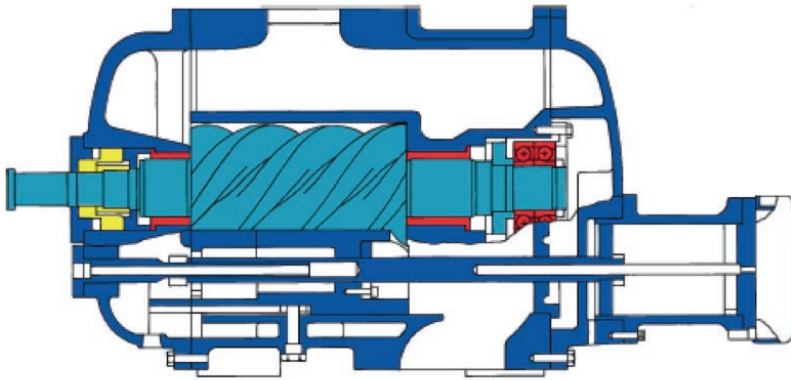


# WRV 204mm range

## 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 204 range key performance parameters

Max pressure	24 bar g	348 psi g
Min flow	406 sm <sup>3</sup> /hr	239 CFM
Max flow	2013 sm <sup>3</sup> /hr	1185 CFM
Min speed	1500 rpm	
Max speed	4500 rpm	
Max power	766 kW	1028 hp

### WRV 204 illustrative performance

WRV 204 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			
WRV204/110	3000	815	510	163	171	1201x640x625	760 / 1675	84
WRV204/145	3000	1095	700	220	233	1273x640x625	850 / 1874	84
WRV204/165	3000	1220	766	243	257	1314x640x625	887 / 1955	84
WRV204/193	3000	1340	861	273	290	1370x640x625	925 / 2039	84

### 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.

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



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