

PRODUCT DATA

STOKES 212J Piston Vacuum Pump



Highly Efficient, Space-Saving

The 212J is a tough, reliable rotary piston pump that offers significant improvements over its reputable predecessor, the 212H. The 212J, which features an integral oil distribution system with a larger oil sight glass and oil flow indicator, eliminates external oil piping. Additionally, the gas ballast valves are now integrated into the side covers for added protection against damage, while allowing for easier operating and maintenance access. The modern look achieved from the integral piping has not changed the footprint, inlet, outlet connections or mounting dimensions, which are all identical to the previous 212H pump.

Features & Benefits

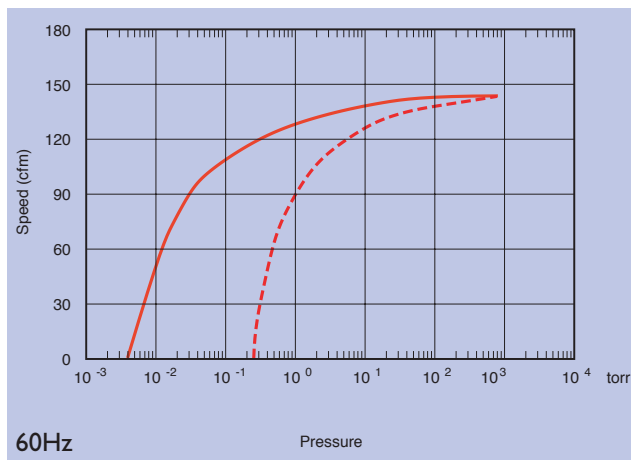
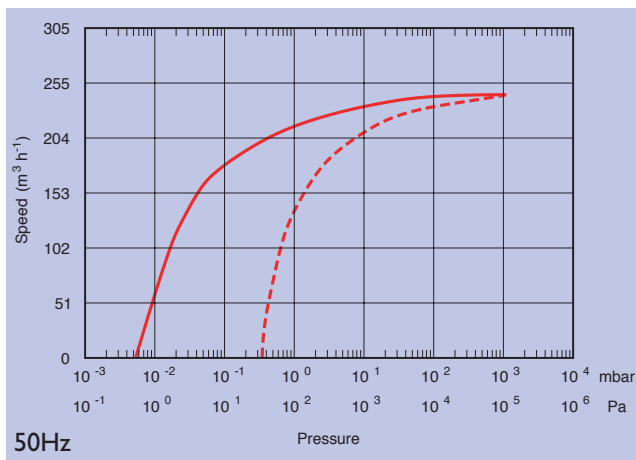
- **Same connections as existing 212H**
 - No changes to existing pipe work
- **Same footprint as previous 212H**
 - Drop in replacement
- **Integral gas ballast valve**
 - Ease of facilitating automatic gas ballast
 - No external valve to damage
- **Integral oil piping**
 - Leak-free performance in a modern, attractive design
- **Improved motor mounting platform**
 - Solid design minimises belt wear
- **Improved positive sealing**
 - O-ring sealing eliminates oil leaks
- **Integral gas ballast valve**
 - Quick adaptation to automatic gas ballast
 - No external valve to snag
- **Computer aided shaft design**
 - Fine tuned for improved balance and vibration

TECHNICAL DATA - 212J

SPECIFICATIONS

• Displacement		m ³ /h	255
		cfm	150
• Rotational speed		rpm	500
• Motor		kW	5.5
		hp	7.5
• Connections			
	Inlet	mm	76
		in	3 FLG
	Exhaust	mm	52
		in	2 FLG / 2 NPT
• Oil capacity		ltr	15
		gal (US)	4
• Weight			
	Net	kg	431
		lb	950
	Shipping	kg	488
		lb	1075
• Dimensions			
	Height x length x depth	mm	1105 x 667 x 610
		in	43 ½ x 26 ¼ x 24
• Cooling method water			
	Water consumption	ltr / min	5.7
		gpm (US)	1.5
	Water inlet	mm	13
		in	½ NPT
	Water outlet	mm	13
		in	½ NPT

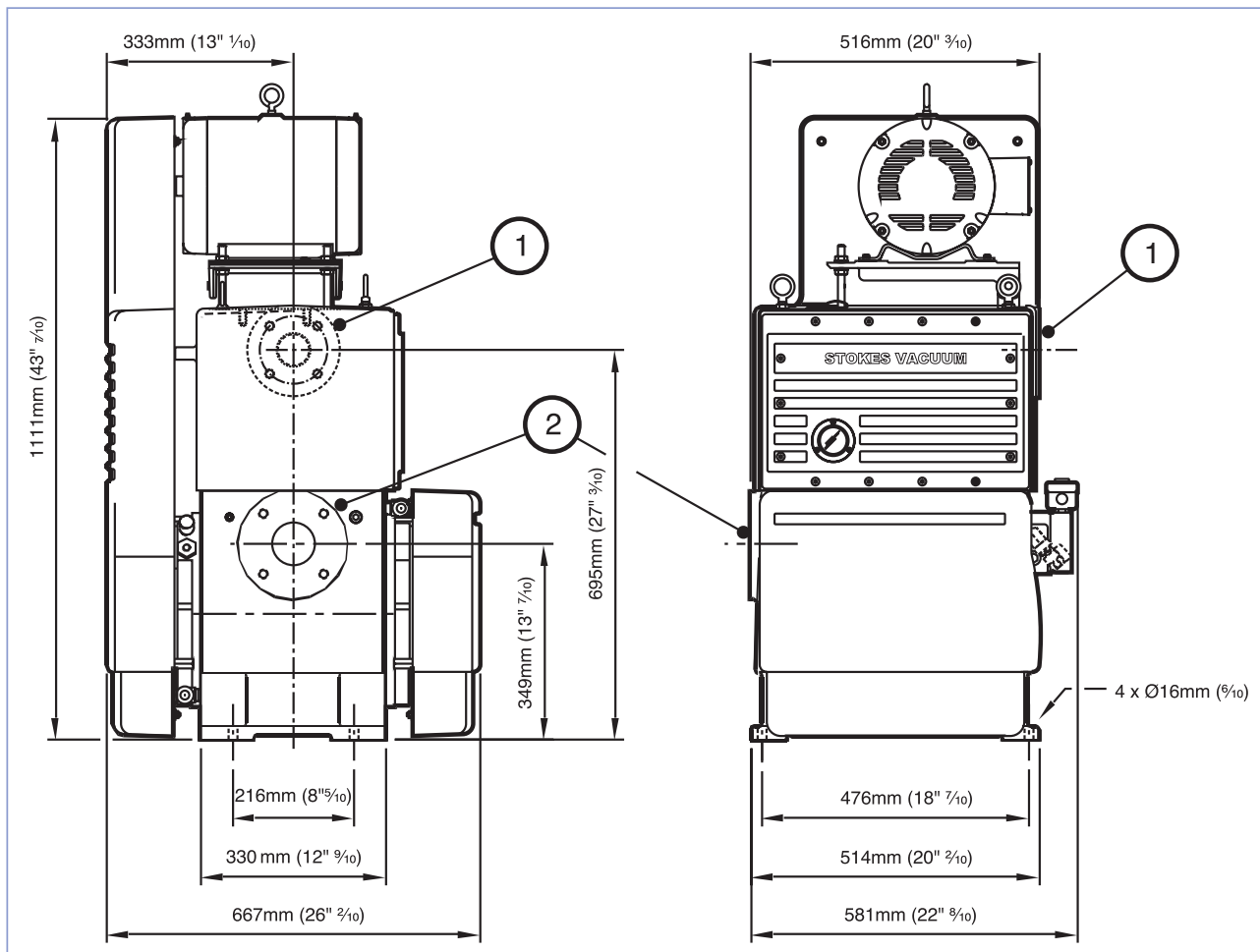
PUMPING PERFORMANCE CURVES



— Without Gas Ballast - - - With Gas Ballast

TECHNICAL DATA - 212J

DIMENSIONS



- 1 OUTLET CONNECTION
- 2 INLET CONNECTION

ORDERING INFORMATION

Product Description

212J piston vacuum pump

Accessories

Oil mist separator 291-150J
 Replacement element
 Water miser (supplied loose, not fitted)
 Oil purifier
 Inlet gasket (3")
 Outlet gasket (2")
 Inlet dust filter 333-165A
 Replacement element (Polyester)
 Replacement element (Glastex)
 Gas ballast inlet filter / silencer (151 1 req'd)

Part Number

On application

900-291-J24
 085-052-263
 900-412-124
 On application
 900-318-007
 900-318-006
 900-333-034
 085-039-013
 085-032-582
 900-151-002

APPLICATIONS - 212J

By combining over a century of technical experience with a global sales and service network, BOC Edwards adds value to your process. Our applications specialists can offer advice on a single pump or component through to a complete bespoke pumping system, custom tailored to your specification.

Applications for which the Stokes 212j is suitable include:

- Automotive
- Refrigeration dehydration
- Brake line evacuation
- Transformer drying and cable fluid conditioning
- Chemical processing
- Heat treatment
- Leak detection
- Metallurgy
- Pharmaceuticals
- Coating
- Melting

The Stokes range of piston pumps complements BOC Edwards' other industrial vacuum and pressure products, including pumps, blowers, systems, boosters, valves and coupling components. Product technologies include rotary vane, vapour diffusion, liquid ring, steam ejector and turbo molecular.

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