



PROVAC

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PHONE: 831-462-8900

FAX: 831-462-3536

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Stokes 622

Technical Specifications

Displacement	
V belt (2750 rpm)	5100m ³ h ⁻¹ / 3000ft ³ min ⁻¹
Direct drive (3000 rpm)	5525m ³ h ⁻¹ / 2350ft ³ min ⁻¹
Direct drive (3600 rpm)	6630m ³ h ⁻¹ / 3900ft ³ min ⁻¹
Inlet/outlet flanges	8" ASA/ANSI flange
Motor power EU/Asia	18.5kW
Motor power US TEFC	25hp
Cooling water	7.6-11.4 lmin ⁻¹ / 2- 3 gal min ⁻¹
Oil capacity (horizontal flow)	1.9 litre / 4.1gal
Oil capacity (vertical flow)	4.1 litre / 8.8gal
Max pressure differential	333mbar / 250Torr
Max temp rise	121°C / 250°F
Max discharge temp	177°C / 350°F
Weight bare shaft	335kg / 740lbs
Weight TEFC direct drive	625kg / 1370lbs
Recommended Oil	V- Lube H



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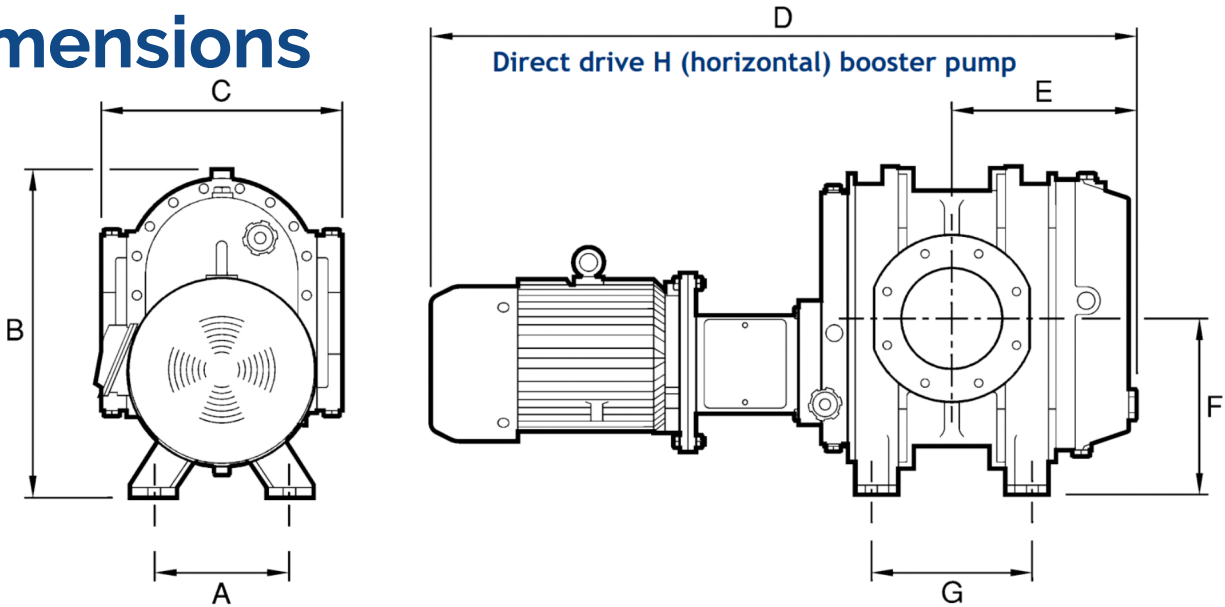
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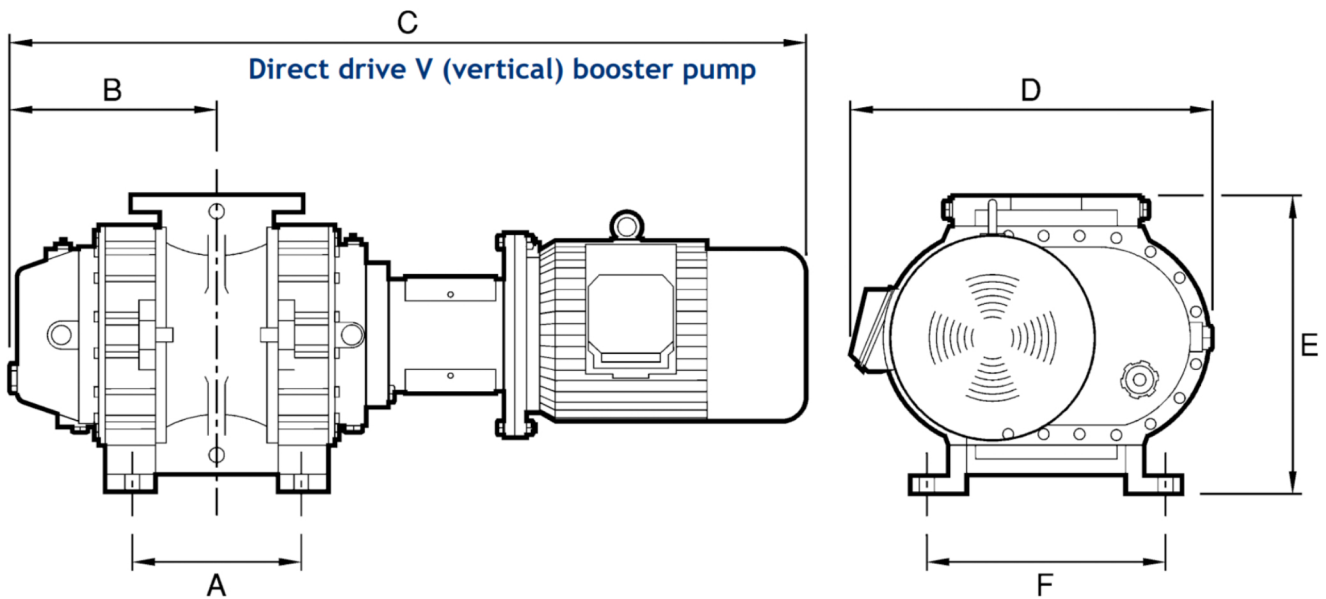
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Stokes 622 Dimensions



Pump	Dimensions: mm (inch)						
	A	B	C	D	E	F	G
900-622-MH25	228 (8.5)	543 (21.4)	438 (17.3)	1657 (65.2)	498 (19.6)	292 (11.5)	648 (25.5)
900-622-5H25	228 (8.5)	543 (21.4)	438 (17.3)	1657 (65.2)	498 (19.6)	292 (11.5)	648 (25.5)



Pump	Dimensions: mm (inch)					
	A	B	C	D	E	F
900-622-MV25	648 (25.5)	496 (19.6)	1657 (55.2)	502 (19.6)	473 (18.6)	350 (13.8)
900-622-5V25	648 (25.5)	496 (19.6)	1657 (55.2)	502 (19.6)	473 (18.6)	350 (13.8)



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Stokes 622 Features & Benefits

- designed to be used in conjunction with rotary-piston, dry vacuum, rotary vane & liquid ring pumps
- mechanical seals protect against dust & particulate contamination
- integral by-pass valve enables the booster to start from atmosphere
- can be mounted separately or on the inlet of the backing pump
- extra large diameter shaft
- uniquely rugged & durable mechanical booster

Applications

- automotive • chemical processing • heat treatment • leak detection
- metallurgy • pet processing • pharmaceuticals • thermal processing
- transformer drying & cable fluid conditioning • vacuum coating
- vacuum melting

