

ROOTS, 615 RGS Specifications

Specifications		
Displacement	Horizontal flow	Vertical flow
V belt (2,750 rpm)	3,375 m ³ h ⁻¹ / 2,000 ft ³ min ⁻¹	
Direct drive (1,800 rpm)	2,210 m ³ h ⁻¹ / 1,300 ft ³ min ⁻¹	
Direct drive (3,000 rpm)	3,685 m ³ h ⁻¹ / 2,170 ft ³ min ⁻¹	
Direct drive (3,600 rpm)	4,420 m ³ h ⁻¹ / 2,600 ft ³ min ⁻¹	
Inlet / outlet flanges	8" ASA / ANSI	
Motor power EU / Asia	11 kW	
Motor power US TEFC	10 hp	
Cooling method	Air cooled	
Oil capacity	1.9 liter / 0.51 gal	4.1 liter / 1.1 gal
Max pressure differential	506 mbar / 380 Torr	
Max temp rise	135°C / 275°F	
Max discharge temp	191°C / 375°F	
Weight bare shaft	234 kg / 515 lbs	
Weight TEFC direct drive	390 kg / 860 lbs	
Recommended oil	V-Lube H	