

RS-200D

Rotary Screw Air Compressor

Capacity and power: ISO-1217(1996 annex #C)	60Hz	100psi	125psi	150psi	
Capacity at normal working press. min – max - cfm		920	860	770	
Airend - rpm		3840	3660	3346	
Drive type	Direct Coupled				
Air quality					
Oil content ≤ PPM	3				
Aftercooler CTD. - °F	10-15				
Cooling: Air cooled compressors					
Cooling air flow - cfm	30000				
Motor and electrical values					
		460V		575V	
Main motor: Enclosure		ODP	TEFC	ODP	TEFC
Main motor: F-class, IP		IP23	IP55	N/A	IP55
Main motor: Efficiency - %		95.8	96.2	N/A	96.2
Main motor: Nominal rated power – HP		200	200	N/A	200
Main motor: Speed of rotation - rpm		1785	1780	N/A	1780
Main motor: FLA		222	230	N/A	184
Main motor: Locked rotor current – A		6.1	6.4	N/A	6.4
Main motor: Power Factor		0.88	0.85	N/A	0.85
Main motor: Service Factor		1.15	1.15	N/A	1.15
Fan motor: Power – HP		15	15	N/A	15
Fan motor: Efficiency - %		91.7	91.7	N/A	91.7
Fan motor: Speed of rotation – rpm		1180	1175	N/A	1175
Fan motor: FLA		17.7	17.9	N/A	14.3
Control voltage - V		120	120	N/A	120
General technical data					
Oil quantity – Gal	40				
Alarm high discharge temperature - °F (w/controller only)	215				
Trip high discharge temperature - °F	225+/-10				
Noise levels: dB(A)					
Noise level with enclosure	93				
Noise level without enclosure	87				
Installation condition					
Allowed ambient temperature min - max - °F	32 - 104				
Relative humidity - %	0 - 95				
Compressor dimensions					
		Open		Enclosed	
Compressor Outlet		2 ½" NPT		2 ½" NPT	
Length – inch		90		90	
Width – inch		80		80	
Height – inch		75		84	
Weight		5250		5950	

Remark:

- Capacity (FAD) measured in accordance with ISO 1217, Ed 3, Attachment C 1996, Ref. condition: Dry air, suction pressure 1 bar.
- Sound Pressure Level in accordance with ISO 2151, edition 2004 with a tolerance of 3dB(A).
- Due to continuous product development at FS-CURTIS, design and specifications are subject to change without notice.