

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.