

RS-300D

Rotary Screw Air Compressor

Capacity and power: ISO-1217(1996 annex #C)	60Hz	100psi	125psi	150psi
Capacity at normal working press. min – max - cfm		1350	1300	1150
Airend - rpm		2455	2455	2205
Drive type	Direct Coupled			
Air quality				
Oil content ≤ PPM	3			
Aftercooler CTD. - °F	10-15			
Cooling: Air cooled compressors				
Cooling air flow - cfm	34000			
Motor and electrical values				
	460V		575V	
Main motor: Enclosure	ODP	TEFC	Consult Factory	
Main motor: F-class, IP	IP23	IP55		
Main motor: Efficiency - %	95.8	95.4		
Main motor: Nominal rated power – HP	300	300		
Main motor: Speed of rotation - rpm	1780	1785		
Main motor: FLA	324	333		
Main motor: Locked rotor current – A	7.1	7.3		
Main motor: Power Factor	0.89	0.87		
Main motor: Service Factor	1.15	1.15		
Fan motor: Power – HP	15	15		
Fan motor: Efficiency - %	91.7	91.7		
Fan motor: Speed of rotation – rpm	1180	1180		
Fan motor: FLA	17.7	17.9		
Control voltage - V	120			
General technical data				
Oil quantity – Gal	50			
Alarm high discharge temperature - °F (w/controller only)	215			
Trip high discharge temperature - °F	225+/-10			
Noise levels: dB(A)				
Noise level with enclosure	86			
Noise level without enclosure	82			
Installation condition				
Allowed ambient temperature min - max - °F	32 - 104			
Relative humidity - %	0 - 95			
Compressor dimensions				
	Open		Enclosed	
Compressor Outlet	3" NPT		3" NPT	
Length – inch	112		112	
Width – inch	80		80	
Height – inch	78		84	
Weight	9200		9900	

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.