COMPRESSOR DATA SHEET

Atlas Copco In Accordance with Federal Uniform Test Method for Certain Lubricated Air Compressors

Rotary Compressor: Variable Frequency Drive

1	Manufacturer:		Atlas Copco	OMPRESSED AIR (P	v ,		
			_	Deter			
	Model Number		GA37VSDS-175 C80	Date:	3/20)/2024	
2	X Air-cooled 0 Water-cooled			Type:	Sc	rew	
				# of Stages:	1		
3	Full Load Op	erating Pre	essure ^b	102	psig ^b		
4	Drive Motor	Nominal R	ating	50	1	hp	
5	Drive Motor Nominal Efficiency			95.6	per	percent	
6	Fan Motor N	ominal Rat	ting (if applicable)	1.8	1	hp	
7	Fan Motor Nominal Efficiency			80	percent		
	Input Power (kW)			Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d		
	42. 7 Max			228.3	18.7		
		36.4		204.4	17.8		
8*	28.8			169.6		7.0	
	23.6			141.9	1	6.6	
	14.1			84.3	1	6.8	
	6.2			33.6	1	8.5	
9*	Total Package Input Power at Zero Flow ^{c, d}			0.0		kW	
10	Isentropic Ef	feciency		78.09		%	
11	Specific Power (kW/100 ACFM)	25.0 - 20.0 - 15.0 - 10.0 + 0.0) 25.0 50.0 75.0	100.0 125.0 150.0 Capacity (ACFM)	175.0 200.0 225.0	250.0 275.0	
		20.0 - 15.0 - 10.0 + 0.0	Note: Graph is only a v Note: Y-Axis Scale, 10 to 35 X-Axis Scale	Capacity (ACFM) risual representation of the data in Sec , + 5kW/100acfm increments if necessar , 0 to 25% over maximum capacity	tion 8 y above 35	250.0 275.0	
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