

COMPRESSOR DATA SHEET

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

1	Manufacturer:	Atlas Copco			
	Model Number:	GA26VSDS-150 C90	Date:	11/11/2021	
2	X Air-cooled 0 Water-cooled		Туре:	Screw	
			# of Stages:		
3	Full Load Operatir	ng Pressure ^b	58	<u> </u>	
4	Drive Motor Nomi		35	hp	
5	Drive Motor Nomi		95.1	percent	
6		al Rating (if applicable)	0.0	hp	
7	Fan Motor Nomina		60	percent	
	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d	
	28.6	Max	207.8	13.8	
	25.0		185.2	13.5	
8*	23.8		177.7	13.4	
	18.7		143.1	13.1	
	15.8		121.8	13.0	
	4.7 Min		33.7	14.0	
9*	Total Package Inpu	ut Power at Zero Flow ^{c, d}	0.0	kW	
10	Isentropic Effecien	icy	72.83	%	
11	3 2 Specific Power 2 (KW/100 ACFM) 2 1		75.0 100.0 125.0 Capacity (ACFM) /isual representation of the data in Se		
		Note: Y-Axis Scale, 10 to 35			

Rotary Compressor: Variable Frequency Drive

Member

- Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; ACFM is actual cubic feet per minute at inlet conditions.
 - b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) were measured for this data sheet.
 - c. No Load Power. In accordance with ISO 1217, Annex E, if measurement of no load power equals less than 1%, manufacturer may state "not significant" or "0" on the test report.



NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

d. Tolerance is specified in ISO 1217, Annex E, as shown in table below:

ed Air & Gas Institute	Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
	$\frac{m^3}{min}$	<u>ft3 / min</u>	%	%	
	Below 0.5	Below 17.6	+/- 7	+/- 8	
.1	0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
	1.5 to 15	53 to 529.7	+/- 5	+/- 6	
	Above 15	Above 529.7	+/- 4	+/- 5	
This form was developed	by the Compressed Air and C	Bas Institute for the use of its member	s participating in the PVP. CAGI has no	ot independently verified the reported d	ata.

ROT 030.1

12/19 Rev 3



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

		MODEL DATA	- FOR COMPRESSE	D AIR	
1	Manufacturer:	Atlas Copco			
	Model Number:	GA26VSDS-150 C90	Date:	11/11/2021	
2	X Air-cooled 0 Water-cooled		Type:	Screw	
			# of Stages:	1	
3	Full Load Operatin	g Pressure ^b	102	psig ^b	
4	Drive Motor Nomi	nal Rating	35	hp	
5	Drive Motor Nomi	nal Efficiency	95.1	percent	
6	Fan Motor Nomina	l Rating (if applicable)	0.0	hp	
7	Fan Motor Nomina	l Efficiency	60	percent	
	Input I	Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d	
	34.3	Max	205.2	16.7	
0*	30.1	30.1		16.5	
8*	28.8		175.1	16.5	
	23.1		140.8	16.4	
	19.7		119.7	16.5	
	6.4			18.5	
9*		tt Power at Zero Flow ^{c, d}	0.0	kW	
10	Isentropic Effecien	cy	81.00	%	
11	36 25 26 26 26 26 26 26 26 26 26 26 26 26 26	Note: Y-Axis Scale, 10 to 35	75.0 100.0 125.0 Capacity (ACFM) visual representation of the data in Sect 5, + 5kW/100acfm increments if necessary c, 0 to 25% over maximum capacity		

Rotary Compressor: Variable Frequency Drive

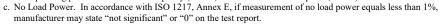
d. Tolerance is specified in ISO 1217, Annex E, as shown in table below:

Consult CAGI websitefor a list of participants in the third party verification program:

NOTES: Member

- Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; ACFM is actual cubic feet per minute at inlet conditions.
 - b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) were measured for this data sheet.

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NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

ed Air & Gas Institute	Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
	$\underline{m^3 / min}$	<u>ft3 / min</u>	%	%	
	Below 0.5	Below 17.6	+/- 7	+/- 8	
.1	0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
	1.5 to 15	53 to 529.7	+/- 5	+/- 6	
	Above 15	Above 529.7	+/- 4	+/- 5	
This form was develope	d by the Compressed Air and C	as Institute for the use of its member	rs participating in the PVP. CAGI has no	ot independently verified the reported d	ata.

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12/19 Rev 3



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

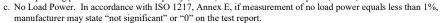
1	Manufacturer:	Atlas Copco			
	Model Number:	GA26VSDS-150 C90	Date:	11/10/2021	
2	X Air-cooled	0 Water-cooled	d Type: Screw		
			# of Stages:	1	
3	Full Load Operatin	ng Pressure ^b	145	psig ^b	
4	Drive Motor Nomi		35	hp	
5	Drive Motor Nomi	nal Efficiency	95.1	percent	
6	Fan Motor Nomina	al Rating (if applicable)	0.0	hp	
7	Fan Motor Nomina	al Efficiency	60	percent	
	Input	Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d	
	34.7	Max	172.2	20.1	
0.1	32.1		158.9	20.2	
8*	28.1		138.0	20.3	
	24.2		117.1	20.6	
	16.3		75.4	21.7	
	8.2	8.2 Min		23.9	
9*		at Power at Zero Flow ^{c, d}	0.0	kW	
10	Isentropic Effeciency		78.24	%	
11	2 Specific Power (WV100 ACFM) 5 Specific Power 5 2				
		Note: Y-Axis Scale, 10 to 35	75.0 100.0 Capacity (ACFM) visual representation of the data in Se , + 5kW/100acfm increments if necessa , 0 to 25% over maximum capacity		

Rotary Compressor: Variable Frequency Drive

Member

ROT 030.1

- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; ACFM is actual cubic feet per minute at inlet conditions.
 - b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) were measured for this data sheet. c. No Load Power. In accordance with ISO 1217, Annex E, if measurement of no load power equals less than 1%,





NOTES:

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

d. Tolerance is specified in ISO 1217, Annex E, as shown in table below:

Institute	Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power			
	$\underline{m^3 / \min}$	<u>ft3 / min</u>	%	%				
	Below 0.5	Below 17.6	+/- 7	+/- 8				
	0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%			
	1.5 to 15	53 to 529.7	+/- 5	+/- 6				
	Above 15	Above 529.7	+/- 4	+/- 5				
rm was developed	m was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data							

12/19 Rev 3 This form was developed