## **COMPRESSOR DATA SHEET**

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

## **Rotary Compressor: Fixed Speed**

1	Manufacturer: Hertz Kompressoren		
	Model Number: HDD 55	Date:	05.07.21
2	X Air-cooled Water-cooled	Type:	Screw
	X Oil-injected Oil-free	# of Stages:	1
	Rated Capacity at Full Load Operating		
3*	Pressure <sup>a, e</sup>	289,6	acfm <sup>a,e</sup>
4	Full Load Operating Pressure b	150	psig <sup>b</sup>
5	Maximum Full Flow Operating Pressure <sup>c</sup>	150	psig <sup>c</sup>
6	Drive Motor Nominal Rating	75	hp
7	Drive Motor Nominal Efficiency	95,8	percent
8	Fan Motor Nominal Rating (if applicable)	1,69	hp
9	Fan Motor Nominal Efficiency	73,1	percent
10*	Total Package Input Power at Zero Flow <sup>e</sup>	23,2	kW <sup>e</sup>
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>d</sup>	68,6	$kW^d$
12*	Specific Package Input Power at Rated	23,7	kW/100 cfm <sup>e</sup>
	Capacity and Full Load Operating Pressure <sup>e</sup>	-0,1	KW/100 cilli
13	Isentropic Efficiency	69,8	Percent

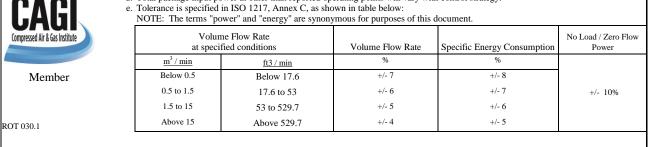
NOTES:

a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.

b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.

c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.

- d. Total package input power at other than reported operating points will vary with control strategy.
- e.



12/19 Rev 3 This form 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